











1884

March 15

On March 5<sup>th</sup> I left Cambridge with J. A. Allen to attend the second meeting of the A. O. U. Committee to revise the nomenclature of V. A. Birds. The Committee held daily sessions at the Smithsonian for the preceding two months and during this time I went out shooting a few times with my friend Henshaw. I also added a few birds shot by Mr. C. F. Batchelder who was with us a portion of the time.

Quantico, Virginia.

March 16

- 8644 *Junco hiemalis*, ♂ ad } shot and presented in the flesh  
8645 *Spizella monticola*, ♂ ad } by Charles F. Batchelder.  
8646 " *pusilla*, ♂ ad }

Washington, D. C.

March 16

- 8647 *Loophophanes bicolor*, ♂ ad. Mixed pines and oaks. With mate - very shy.  
8648 *Junco hiemalis*, ♂ ad. Thicket near stream.  
8649 *Turdus pallasi*, ♂ " Pine woods (Pineops) on hillside.  
8650 *Zonotrichia albicollis*, ♂ im. Thicket by stream.  
8651 *Regulus satrapa*, ♂ ad } Pine woods (Pineops)  
8652 " " ♀ }  
8653 *Passerella iliaca*, ♀ Thicket by stream.  
8654 *Melospiza melodia*, ♀ ad  
8655 " " ♂ " To Mrs. Wright

Set by W. B. on the Virginia side of the Potomac by Quantico.

March 17

- 8656 *Passerella iliaca*, ♂ ad } shot by C. F. Batchelder on the  
8657 *Turdus pallasi*, ♂ " } Virginia side of the Georgetown bridge

March 21

Washington, D. C. Col. W. B.

- 8659 *Sayornis fuscus*, ♂  
8660 " " ♂  
8661 *Passerella iliaca*, ♀  
8662 *Loophophanes bicolor*, ♀  
8663 *Parus carolinensis*, ♂  
8664 *Carpodacus purpureus*, ♂ im.  
8665 *Junco hiemalis*, ♀ im.  
8666 " " ♂  
8667 " " ♂  
8668 " " ♀  
8669 " " ♀  
8670 " " ♂  
8671 " " ♂  
8672 " " ♂  
8673 *Melospiza melodia*, ♀  
8674 " " ♀  
8675 " " ♀

Shot on the Virginia side of the Potomac opposite Georgetown. The fuscus were in immense flocks among oaks on the edge of a field.

GOVERNMENT EXCH. TO SWED. NAT. MUS.

(In N. A. Gales in exch.)

- 8676 *Junco hiemalis*, ♂ ad shot by a young man at Lee Dist. Park.  
8677 *Loophophanes bicolor*, ♂ ad } Bought in the market at Washington  
8678 *Parus carolinensis*, ♂ ad } D. C. Bottle shot on the Potomac.





1884  
April 7

## Charleston, South Carolina

8711. *Geothlypis trichas*, ♂ ad.  
 8712. " " " " " " " "  
 8713. *Dendroica pinus*, ♂.  
 8714. *Thryothorus ludovicianus*, ♂.  
 8715. " " " " " " " "  
 8716. *Regulus calendula*, ♀.  
 8717. " " " " " " " "  
 8718. *Poliophtila caerulea*, ♂.  
 8719. " " " " " " " "  
 8720. *Vireo solitarius*, ♂ ad. moulting.  
 8721. " *novboracensis*, ♂ ad.  
 8722. *Passerculus savanna*, ♀ ad.  
 8723. *Cardinalis virginianus*, ♂.  
 8724. *Zonotrichia albicollis*, ♂ moulting.  
 8725. *Sterna forsteri*, ♂ im. Ashley River; numerous.

(S. M. Johnson)

Clear and very warm.  
 Spent the whole forenoon taking a sail-boat, proceeding up the Ashley River for about two miles, then returning, and finally landing at an extensive plantation where gangs of field hands were preparing the land for the staple crop, sea island cotton.

This plantation was surrounded by thickets of briars and small patches of scrubby woods, chiefly live oak with a few pines. Birds were numerous enough but I found few really desirable species. In addition to those above catalogued I saw *Cyanocitta cristata*, several; *Sporophila pusilla*, a small flock; *Troglodytes aedon*, one; *Asiothorus veltaris*, a ♂ singing from a weed stalk on a patch of rank clover-like growth into which he disappeared when I could get within range; *Sturnella magna*, a flock of at least one hundred, whirling about, occasionally alighting, but always very shy.

In the extensive salt marshes I heard *Am. maritimus* singing and saw a large flock of *Discopterus major* whirling about & occasionally settling. On the river I saw numerous terns, mostly *S. forsteri* with a few *S. regina*; many barns bore-partis some of which seemed to be in good plumage but one which I shot had the head covered with fine feathers although its hood looked perfect when it was alive. I also saw a few *S. leucorhynchus* and a large gull which I took to be *S. aquatilis*.

1884  
April 8Charleston, South Carolina.  
James' Island.

8726. *Helminthophila oblate*, ♀ with slight tinge of orange in crown. Shot in oak scrub. In company with *Parula* and  
 8727. *Dendroica dominica*, ♂ ad. } A mated pair; in mossy pine, ♀  
 8728. " " " " } with ovaries well developed.  
 8729. " *discolor*, ♂ } Oak scrub; several others seen; singing but  
 8730. " " " " } apparently migrating.  
 8731. *Dendroica palmarum*, ♂ ad. moulting. Oak scrub in company with another which escaped.  
 8732. " *coronata*, ♂ moulting. Isolated clump of live oaks. In  
 8733. " " " " } full moult.  
 8734. *Myiodynastes virens*, ♂ ad. In top of a tall live oak in an isolated grove in middle of cotton field. (S. M. Johnson)  
 8735. *Geothlypis trichas*, ♂ ad. Among small pines with two others. Migrants.  
 8736. " " " " } Thicket on shore of river; alone.  
 8737. *Gurdes pallasi*, ♀ ad. Very large & red. Alone in oak scrub.  
 8738. *Thryothorus ludovicianus*, ♂ ad. Sides strongly barred. Oak scrub.  
 8739. *Catheris ludovicianus*, ♂ ad. Thorny tree in field; alone.  
 8740. *Minus polyglottus*, ♂ ad. Thorny vine heavy tree in clearing.  
 8741. *Harporhynchus rufus*, ♀ ad. Thicket by shore - laying, one egg nearly ready for shell.  
 8742. *Cardinalis virginianus*, ♂ ad. Oak scrub; very tame.  
 8743. *Agelaius phoeniceus*, ♂ im. Thicket by river.  
 8744. *Accipiter fuscus*, ♀ ad. Crop filled with flesh of bird (unrecognizable). Shot flying (about fifty yards) above shore.

Clear and cool with stiff breeze from the south. Made a late start (about 10 A.M.) and crossed the Ashley in a sailboat landing nearly opposite the Battery. After shooting a few birds in the thickets that lined the shore I crossed a large cotton field and entered a charming tract of woods, oaks, pines, with a dense magnolia swamp - where birds fairly swarmed. In addition to those above catalogued I saw *Zonotrichia albicollis*, numerous; *Poocetes gramineus*, numerous in the cotton field; *Arund. bicolor*, about 100 flying over a wet place; *H. lunifrons*, one; also saw *Vireo novboracensis* building. *Dend. coronata* is still abundant.

Reached the house about 3 P.M. after an exciting sail boat across the rough waters of the river.

Charleston, South Carolina.  
Six-mile Road.

8745. Dendroica dominica, ♂ ad.  
 8746. " " ♂ "  
 8747. " " ♂ "  
 8748. " " ♂ "  
 8749. " " ♀, laying.  
 8750. " " ♀, incubating; all four eggs laid. (In exch. to H. A. Cooke)  
 8751. Turdus pallasi, ♂ ad. Swampy hummock.  
 8752. " " ♂ " Burnt pine land (In exchange to H. A. Cooke)  
 8753. " " ♀ " " "  
 8754. Progne subis, ♂ ad. With others flying over old field.  
 8755. Cardinalis virginianus, ♂ ad. Pine woods. Presented to Miss M. S. Parmer  
 8756. Sialia sialis, ♂ ad. Old field - with female.  
 8757. Pipilo erythrophthalmus, ♂ ad. his red. Swampy thicket with ♀ its mate.  
 8758. Thryothorus ludovicianus, ♂ ad. Swampy hummock.  
 8759. " " ♀. Burnt pine land. Laying; one egg ready for shell.  
 8760. Coccypharus bicolor, ♂ ad. two pairs. Shot on burnt pine in So. Cove  
 8761. " " ♂ " } female had laid all her eggs. I was killing. (In exchange to H. A. Cooke)  
 8762. " " ♀ " } " other had laid all but two, one of  
 8763. " " ♀ " } which was ready for the shell back to Swampy  
 8764. Parula americana, ♂ ad. Swampy hummock. Females nearly ready.  
 8765. " " ♀ " } to lay. (In exch. to H. M. Bushkoff)  
 8766. " " ♀ " }  
 8767. Dendroica discolor, ♀ ad. Thicket, with Polioptila.  
 8768. " coronata, ♂ "  
 8769. " palmarum hypochrysa, ♂  
 8770. " " " ♀  
 8771. " " " ♀  
 8772. " " " ♀  
 8773. Mniotilta virens, ♂ ad. Swampy woods - with Cor. alba.  
 8774. Picus noronensis, ♂ ad.  
 8775. " " ♀

Clear and cool with high wind.  
Starting at 8 A. M. I drove out to the Hummock and tied  
my horse in the usual place. Birds were either scarce or very  
silent for I saw but few. After spending an hour or two I  
drove to the pine woods beyond Six mile corner and here  
met with rather better success. Returned to town by 4 P. M.  
In addition to the birds above cataloged I noted: *Geothlypis*  
*mustelina* on which I wounded but lost; it was in burnt  
pine land near a swamp; *Antrostomus carolinensis*, a pair  
which started together from the ground under a bush on  
the burnt pine land; *Tringoides macularia*, on an  
edge of pool; *Myiarchus cinerascens*, on which I heard and  
saw a number of times, but did not see.

The weather has been cool & late and very few changes in bird life appear to have taken place.

Charleston, South Carolina.  
James Island.

8776. Vireo solitarius, Fad. Oak scrub in large flock of Warblers; singing.  
8777. Dendroica dominica, Fad. Fair.  
8778. Vireo olivaceus, Fad. } together in logwood thicket; silent  
8779. " " }  
8780. Parula americana, Fad. Flocks large - singing. evidently a resident  
8781. Cardinalis virginianus, Fad. (4 or 5 seen)  
8782. Harporhynchus rufus, Fad.  
8783. " " " " " " " " " " " "

Hazy and cloudy with moderate rain after 11 A. M.  
 Starting at 8 A. M. I crossed the Ashley River and visited the  
 plantation where I shot on the 8<sup>th</sup>. Birds were silent and  
 shy and I could do nothing with them. I struck one  
 large flock of Warblers in the scrub but only got two shots  
 before they scattered and escaped. I missed I saw a H. celata  
 among them. I found a Carolina Lark's nest built in a  
 bunch of moss in a small oak. The bird was sitting but I  
 did not climb to it. Also saw a large being I heard in  
 the scrub at nearly the same place where I shot them on  
 the 8<sup>th</sup>. Also saw a King Bird, the first.

At about 11 o'clock it began to rain and I returned to the boat disgusted. As we were sailing up the creek I spied a beautiful Snowy Heron standing about on the marsh. I knocked it over, when it stood and picked up a Protalus specimen the first of the species I ever killed. Alas! it was ruined by rats the same evening on one piazza where I left it for a short time.

On our way down the river I saw many  
Gulls, among them some beautiful adults - Larus  
bonapartei in their perfect hood. There were also many  
L. delawarensis some young with black-tipped tails, others  
with white tails but all more or less mottled above.

In the scrub I found several pairs of Green Herons which were evidently breeding as they flew anxiously about uttering their deep, hollow Re-oie. I did not look for their nests however.

The woods are now dense with foliage and many trees have perfected their summer covering. The Cornus florida is nearly out of flower although I saw one fine specimen at St. Paul yesterday.



1884  
April 16Charleston, South Carolina.  
James' Island.

8813. *Myadestes mitratus*, ♂. Lin oak grove in cotton field.
8814. *Geothlypis trichas*, ♂ ad. Singing on edge of salt marsh.
8815. *Dendroica discolor*, ♀ ad. } Oak scrub with *D. coronata* (H. & J. Maynard)  
8816. " " ♀ " }
8817. *Vireo olivaceus*, ♂ ad. } Oak scrub. Shot in same tree top; silent.  
8818. " " ♂ " }
8819. *Pyraura aestiva*, ♂ ad. Pine woods; singing; the first I have seen.
8820. *Pyraura rubra*, ♂ ad. Oak scrub - silent - alone.
8821. *Icterus spurius*, ♂ ad. } Lin oak hedge in cotton field; singing.  
8822. " " ♂ " }
8823. *Cyanospiza ciris*, ♂ ad. } Oak scrub with *D. coronata* feeding in.  
8824. " " ♂ " } the tops of the trees, silent & just arrived.
8825. *Cardinalis virginianus*, ♂ ad. } Lin oaks; a mated pair.  
8826. " " ♀ " }
8827. *Cyanocitta cristata*, ♂ ad. Large flock in oak scrub.
8828. *Centurus carolinus*, ♀ ad. Pine woods; alone. (To H. H. Spelman)
8829. *Spizella pusilla*, ♀ ad. } Bushes on edge of cotton field.  
8830. " " ♀ " }
8831. *Myiothorus ludovicianus*, ♂ ad. Lin oak grove.
8832. *Chamaepelia passerina*, ♂ ad. } Mated pair; cotton field.  
8833. " " ♀ " }
8834. *Collurio ludovicianus*, ♂ ad. Cotton field.

A perfect day, warm, still and cloudless. Starting at about 8 A. M. I sailed across the Ashley and was soon in the woods. As we left the Battery I heard the high notes of an *Icterus spurius* and many were singing when we landed. There was an unusual burst of song all through the forenoon and the woods were wonderfully attractive. A large number of birds, representing several species, suddenly arrived last night. Among them the most interesting are *Icterus spurius*, generally; *Pyraura aestiva*, two; *Cyanospiza ciris*, several; *Myiarchus cinerascens*, several.

1884  
April 17.Charleston, South Carolina.  
Muirhead's Plantation, Hobcaw Point.

8835. *Pencaea aestivalis*, ♂ ad. Singing on ground among pine sprouts on edge of old field.
8836. *Dendroica pinus*, ♂ ad. Pine woods - singing.
8837. *Parus carolinensis*, ♂ ad.
8838. *Tonitruia albigula*, ♀ im.
8839. *Collurio ludovicianus*, ♂ ad. } Dead stubs in cotton plantation.  
8840. " " ♂ " }
8841. *Pipilo erythrophthalmus*, ♂ ad. Iris pale red shading inwardly to yellow. *Leptocarpus* rose.

Took passage in a large rail boat this morning for Mr. Muirhead's plantation up the Cooper River. Arrived about 3 P. M. After dinner Myer and I took a long tramp. Hunted especially for Bachman's Finch but could find none so sat down & waited for them to sing. A little after sunset two began and I finally secured one of them. They are superb singers. On our way back in the gloaming we heard Chuck wild-widows singing on every side the notes of four different species being distinguishable at once. In the evening they came close around the house.

April 18

## Hobcaw Point.

8842. *Pencaea aestivalis*, ♀ ad. Ovaries undeveloped. Shot in same place as No. 8835. (To H. H. Spelman)
8843. *Dendroica dominica*, ♂ ad.
8844. *Sitta pusilla*, ♂ ad. Pine woods. (In exchange to National Museum)
8845. *Parus carolinensis*, ♂ ad. (To J. H. Allen)
8846. *Pyraura aestiva*, ♂ ad. (To J. H. Allen)
8847. " " ♂ " Pine woods. Males in full song. (To G. J. Maynard)
8848. " " ♂ " (To G. J. Maynard)
8849. " " ♂ " (To G. J. Maynard)
8850. " " ♂ " (To G. J. Maynard)
8851. " " ♀ " (To G. J. Maynard)
8852. *Pipilo erythrophthalmus*, ♀ ad. Iris brownish yellow about as in G. C. Birds. Ovary highly developed.
8853. *Myiothorus ludovicianus*, ♂ ad. Iris red; ovaries inactive.
8854. *Melanerpes uropygialis*, ♂ ad. Dead tree in cotton field.

Clear and very warm.

Spent the greater part of the day in the woods. As Mr. Muirhead kindly loaned me his mare a trained hunting animal, we covered a large part of country. In addition to the birds above catalogued we saw several *Contopus virens* & Myer shot a pair of *Anthrostomus oculatus*.



1884  
April 19

Charleston, South Carolina  
In Marshland. Landation. Holcan. Bird.

- 8855 *Elanoides forficatus*, ♂ ad. 1/2 wing over. small part.  
8856 *Cyanopica citreus*, ♂ ad. 1/2 wing over. small part.  
8857 *Fetus spurius*, ♂ im.  
8858 *Minus carolinensis*, ♂ ad. 1/2 wing over.  
8859 *Tonotrichia albicollis*, ♂ ad. Ovaries highly developed.

Cloudy with heavy showers all day.  
Spent most of the forenoon at work on the birds that  
yesterday. About noon we started out but were soon  
driven back by a heavy shower. Afterwards I confined  
my ramblings to the avenue behind the house where  
some thickets under the ground old birch oaks were literally  
alive with birds. There were Blue jays, Towhees, both  
red & white-eyed, by dozens; Grackles; Carolina Wrens;  
Cardinals; White-throated Sparrows; Yellow-rumped  
Warblers; White-eyed Vireos; Hairy Woodpeckers, etc.  
Late in the afternoon a sail boat which I  
had engaged called to the landing and Margus &  
I started for town. On our way down the Cooper River  
we could hear the Marsh Hens calling by thousands in  
the reeds. Over now and then a flock of Curlews would  
pass on their way to their roosting places. Very few  
ducks, like ducks that in bunches like sandpeeps.  
There were also Green Herons, cutting about. Great  
Blue Herons were among their kindred way overhead.  
Spotted Sandpeeps were inshore and the occasional  
tern. We saw no Bonaparte's Gulls although I observed  
at least fifty fine adults on my way over on the 17th.  
We reached the city after dark.

1884  
April 21

Charleston, South Carolina.  
Ashley River

8860. *Sarus philadelphia* ♂ ad.  
8861. " " ♂.  
8862. " " ♀.  
8863. " " ♂ im.

Cloudy with frequent heavy showers.  
At about 10 A.M. I hired a sail boat and started up  
the Ashley River in pursuit of Gulls. Many fine adult  
Bonaparte's were flying about but they were shy. At  
length however, I shot down five in quick succession  
by concealing myself on a marshy bank where they  
were crossing into a salt lagoon. Also shot two Forsters  
Gulls and saw many others all white-fronted.

April 22

James' Island.

8864. *Sarus philadelphia*, ♂ ad. Ashley River. Each is 1/2 wing over.  
8865. *Protonotaria citrea*, ♂ ad. Oak scrub on beach ridge. They  
8866. " " ♀. were feeding among the branches.  
8867. *Helminthophila vermicornis*, ♂ ad. Edge of ditch, the oak grove  
8868. *Dendroica palmarum*, ♂ ad. Bir. oak grove.  
8869. " *discolor*, ♂ ad. " " "  
8870. " *coronata*, ♂. " " "  
8871. *Setophaga ruticilla*, ♂ ad. " " "  
8872. *Sarus auricapillus*, ♂. " " "  
8873. " " ♂. " " "  
8874. *Vireo olivaceus*, ♂ ad. " " "  
8875. " " ♂. " " "  
8876. *Minus carolinensis*, ♂. } Saw at least fifty. (See table to the south.)  
8877. " " ♂. }  
8878. " " ♀. }  
8879. *Pyrausta aestiva*, ♂ ad.  
8880. *Myiothous ludovicianus*, ♂ ad.  
8881. *Acantha nana*, ♂ ad. Iris dark hazel. Tarsus large - legs  
flesh color - stomach contained  
fragments of small water beetles  
Shot by Arthur Wagner near Six Mile  
station. Bought of him \$1.00.

Cloudy and warm with occasional showers.  
Starting early I took boat to James' Island and landed  
at the sand beach, hunting the birds first & then tending  
the usual course. Birds were literally swarming. Of  
bat birds and King-birds, I saw hundreds. I should  
have made a fine bag but a heavy shower drove me  
back to the boat about noon.  
Margus called in the evening with a *Pyrausta*  
Warbler which he had just shot. I bought it \$1.00.

1884  
April 23

Charleston, South Carolina

8882. *Picus carolinensis* ♂ ad  
8883. " " ♂ "  
8884. " " ♂ "  
8885. " " ♂ "  
8886. " " ♀ " incubating 8 egg laid.  
8887. *Myiodynastes virens*, ♂ ad }  
8888. " " ♀ " } came broken along a branch in "gall".  
8889. " " ♀ " } The females would not have laid  
8890. " " ♀ " } for some time.  
8891. *Helminthophila virens*, ♂ ad. Swampy thicket of "gall".  
8892. *Dendroica dominica*, ♂ ad.  
8893. " *caerulea*, ♂ ad. Swampy thicket of "gall".  
8894. *Geothlypis trichas* ♂ ad. } 8. egg of pond in pine lands.  
8895. " " ♂ "  
8896. *Sitta carolinensis* ♂ ad. } White several others in pine woods  
8897. " " ♂ juv. first fl. } evidently an adult pair with  
8898. " " ♂ " } brood of young.  
8899. *Pipilo erythrophthalmus* ♂ ad. Iris clear, pale yellow. Pine woods.  
8900. *Myiarchus cinerascens*, ♂ ad  
8901. " " ♀ "  
8902. *Cyanospiza cyanea*, ♂ ad. Live oak grove.  
8903. " *chrys.* ♂ ad.  
8904. *Mniotilta varia*, ♀ ad. Swampy thicket.  
8905. *Dendroica dominica*, ♂ juv. first fl. Picked up by Wayne who said he knew the parents.  
8906. *Picus borealis*, ♂ ad. Pine woods - very dry.  
1684. *Parula americana*. Nest & three eggs. Nest in Tillandsia on small live oak ht. about 15 ft. Inc. fresh. Female seen building April 4. She was present to-day but not sitting.

Cloudy all day but with no rain - rather cool. Starting early with Wayne we drove to the big hill station road & took first at the "gall" where Wayne shot R. Robinson's Warbler yesterday. The woods were alive with birds but I made no effort for a large bag, passing nearly everything in the hope of getting Robinson's Warbler. We had a long tramp and then drove to Mr. Holmes' plantation where we spent the remainder of the day. There is a beautiful forest pond here and a nice "reservoir". It is grown up in places to black willows, in others has picturesque masses of open water over or less covered with lily pads (the common *Najas* plants) with the money flowers already out. Wayne got lost on the north side of this pond and filled the woods with his cries until I found & called him. We reached home at 5 P. M.

1884  
April 25

Charleston, South Carolina.  
Holmes' plantation & pine lands.

8907. *Pyrausta aetiva*, ♂ ad. (One each to H. M. S. & J. M. S.)  
8908. " " ♀ "  
8909. *Cyanura cristata*, ♂ "  
8910. *Myiarchus cinerascens*, ♂ "  
8911. *Myiarchus carolinensis*, ♂ "  
8912. *Pipilo erythrophthalmus* ♂ " Iris red.  
8913. " " ♂ "  
8914. *Cardinalis virginianus*, ♂ ad.  
8915. *Myiothorus ludovicianus*, ♂ "  
8916. *Dendroica pinus*, ♂ ad.  
8917. " " ♀ "  
8918. " " ♂ juv. taken from nest.  
8919. *Geothlypis trichas*, ♂ ad. Pine land pond.  
8920. *Sitta carolinensis*, ♂ ad. " woods alone.  
8921. *Sitta pusilla*, ♂ ad.  
8922. " " ♂ "  
8923. " " ♀ "  
8924. " " ♂ juv. first fl.  
8925. " " ♀ "  
8926. " " ♀ "  
8927. " " ♀ "  
8928. *Cyanospiza cyanea*, ♂ ad. Pine woods.  
8929. *Contopus virens*, ♂ "  
8930. " " ♂ "  
8931. *Myiodynastes virens*, ♂ ad.  
8932. *Cyanura cristata*, ♂ ad. Pine woods - alone - dry.  
8933. *Picus carolinensis*, ♂ ad. } Pine woods.  
8934. " " ♂ "  
8935. " " ♂ "  
8936. " " ♂ "  
8937. *Picus borealis*, ♀ ad. Pine woods - incubating.

Clear and a beautiful day although almost too cool for comfort. Starting at 8 A. M. I called for Wayne and together we drove to Holmes' plantation where we spent the forenoon about the reservoir pond and in the pine woods north of it. Birds were either scarce or unaccountably silent and retiring for we saw very few and at times the woods were perfectly silent. Early in the afternoon we drove to the range of pine lands behind the big station and there had rather better success. Reached the town at about 5.30 P. M.

1884  
April 28

Charleston, South Carolina  
James' Island.

- 8938 *Helinaea swainsoni*, ♀ ad. Iris dark hazel - legs and feet  
flesh color - length, 5.15; extent, 8.70.  
Ovaries as large as No. 6 shot. Shot in  
oak scrub in dry situation (See card)
- 8939 *Antrostomus carolinensis*, ♂ ad. } A mated pair. Shot flying - oak  
8940 " " } scrub on beach ridge.  
8941 " " } ♀ ad. Oak grove apparently alone.
- 8942 *Cyanospiza ciris*, ♂ ad.  
8943 " " ♂ "  
8944 " " ♂ "  
8945 " " ♂ im.
- 8946 *Icterus spurius*, ♂ ad.  
8947 *Turdus mustelinus*, ♂ ad. } Oak scrub. ♂ singing.  
8948 " " ♀ "
- 8949 *Geothlypis trichas*, ♂ ad.  
8950 *Miniotitta varia*, ♂ ad.  
8951 *Myiothorus ludovicianus*, ♂ ad.  
8952 *Cardinalis virginianus*, ♂ ad.  
8953 *Coccyzus erythrophthalmus*, ♀ ad.  
8954 *Quercus auricapillus*, ♂  
8955 " " ♂  
8956 " " ♂  
8957 *Dendroica aestiva*, ♂ ad.

Clear and intensely hot with little breeze.  
Started at 8 A. M. and crossed the Ashley to Mr. Stensens  
plantation where I landed at the black and white  
the forenoon in the woods. Birds were abundant &  
I might have killed a large bag had I not spent  
so much time searching for rarities. I suffered  
terribly from the heat and at times was nearly  
overcome. The vegetation is so dense, still I  
progress although I fear that the best birds have  
gone by. I think I saw a pair of Blue Grosbeaks  
in the oak scrub. The male I saw of for the  
beet, head down, from a branch directly overhead  
where I fired with the confiding but bounded &  
lost him.

1884  
April 29

Charleston, South Carolina.  
James' Island.

- 8958 *Antrostomus carolinensis*, ♂ ad. } A mated pair - pine woods  
8959 " " ♀ " } ♂ shot flying - ♀ from pine  
8960 *Cyanospiza ciris*, ♂ ad.  
8961 " " ♂ "  
8962 " " ♂ im.  
8963 *Harporhynchus rufus*, ♀ ad. A resident bird, with young.  
8964 *Myiothorus ludovicianus*, ♀ "  
8965 *Dendroica aestiva*, ♂ ad. } Oak scrub. singing  
8966 " " ♂ "  
8967 *Miniotitta varia*, ♂ ad. Oak scrub.  
8968 *Dendroica discolor*, ♀ ad. "  
8969 *Troglodytes aedon*, ♂ ad.  
8970 *Icterus spurius*, ♂ im.  
8971 *Myiothorus ludovicianus*, ♂ ad.  
8972 *Dendroica coronata*, ♂ ad.  
8973 *Parula americana*, ♂ ad.

Clear and hot (ther 86°) but with more  
breeze than yesterday.  
Started at 8 A. M. and went over the same ground  
covered yesterday. Birds were scarce and I saw  
less than half as many as yesterday. The most  
prominent songsters in these woods are the  
Red-eyed Vireos. They sing through the hottest  
hours of noon as with us. Their notes seem to  
me softer & more tender than at the North.  
But this may be imagination. With the exception  
of the Mockingbird, Carolina Wren and Veery.  
The other birds here sing very little. The Cardinal  
is a good example. Although the woods are alive  
with them and this the height of their breeding  
season I rarely hear anything but their chirp.  
The Orchard Oriole sings fairly frequently  
and its voice is superb. The Baltimore Oriole  
is a constant hum in the air.  
Upon returning to the boat I was  
told that Mr. Stensens wished to see me. Upon  
calling at his house he informed me that no  
shooting was allowed on his plantation but after  
I had explained my objects he relented and  
gave me leave to shoot as much as I liked.  
His return was delayed so that I was  
back at home.

1884  
May 1

Charleston, South Carolina.

8974 Helminthophila swainsoni, ♂ ad. L. 5.65; ex. 9.00. Iris hazel. Tarsus  
maximus. Wing thin inflexed. Shot in  
dense, hanging hummock near a pool  
covered with lily leaves. It was crying  
chip, chip, exactly like Parula. I expected  
it out of the thicket when it alighted  
within ten feet of me & sat still until  
I fired.

8976 Cyanospiza ciris, ♂ ad. (To H. W. Henderson.)  
8976 " " ♂ (To H. W. Henderson.)  
8977 " " ♂  
8978 " " ♀ (To H. W. Henderson.)

8979 Parus carolinensis, ♂ ad. Low oak grove

8980. Lophophanes bicolor ♂ ad. } Feeding together, I took them  
8981. " " ♂ " } for a pair before the season

8982 Cyanospiza cyanea, ♂ ad.

8983 Geothlypis trichas ♂ ad. } Tarsus small - less than half in.  
8984 " " ♂ " } Probably migrants.

8985 Vireo noveboracensis, ♂ ad.

8986 Dendroica dominica ♂ ad.  
8987 " " ♂  
8988 " " ♀ (To H. W. Henderson.)

8989. Turdus fuscus, ♀ ad. In swampy woods; several others seen.

8990. Dolichonyx oryzivorus, ♂ ad. } Killed at one shot into a  
8991 " " ♂ " } flock of about 100 which was  
8992 " " ♂ " } feeding in a field of oats in  
8993 " " ♂ " } the still. They sang in  
8994 " " ♂ " } chorus.

8995 Pyrausta aestiva, ♂ ad.

Clear and very hot.  
Starting at the usual time I drove to the hummock  
woods where I spent about an hour and secured the  
Swainson's Warbler above catalogued. Then I drove to  
the big mile road where I finished the forenoon. It  
was an uncomfortably hot day but birds sang  
freely through the forenoon.

1884  
May 3

8996.  
8997.

Charleston, South Carolina.  
by mile road.

Helminthophila swainsoni, ♂ ad. } A mated pair shot in canebrake  
" " ♀ " } in "gall", ♀ incubating had laid all her eggs  
♂ L. 5.50 x 8.60. ♀ L. 5.55; ex. 8.55.

8998.  
8999.

Myiodynastes virens ♂ ad.  
" " ♀

9000.

Dendroica cerulea, ♂ ad.

9001.

Scirpus caeruleus, ♂ ad.

9002

Turdus olivaceus, ♂ ad.

9003

Empidonax acadicus, ♂

Lxch. to Barnard.

9004.

Sitta carolinensis, ♀ ad.

9005.

Parus bachmani ♂ ad. } Mated pair. Female about to lay  
" " ♀ " } her last egg. (See note to H. W. Henderson.)

9006.

" " ♂

9007.

" " ♂

9008

Cyanospiza ciris, ♂ ad.

(To G. J. Maynard.)

9009

" " ♂

9010

" " ♂

9011

" " ♂

9012.

" " ♀

9013.

" " ♂

9014

" " ♂

(To H. W. Henderson.)

Clear and very hot.  
Starting at 8 A. M. I drove first to the hummock woods  
where I wasted about an hour getting only one  
bird, a Towhee. Then I drove to the big mile  
road and after killing some Parula in the pine  
woods went to work to beat a "Gall" where Wagner  
killed two Swainson's Warblers yesterday. For long  
time I searched for other in vain. But at length,  
near the head of the swamp, I stopped on the  
edge of a dense cane brake & repeated a few times  
as an experiment. Almost instantly a Swainson's  
Warbler appeared, alighting within good ambly-  
range where I killed her. The nest, I am sure, was  
from the nest for she was incubating. A few rods  
further on I started her nest again. She came and  
secured him. As I advanced to pick her up a  
moss-covered snake struck at my leg but missed. This  
gall is infested with these ugly Reptiles.







1884  
May 22

Middlesex County, Mass.  
Belmont.

9115. *Dendroica virens*, ♂ ad.  
9116. " " ♂ "  
9117. " " ♂ "  
9118. " " ♂ "  
9119. " " ♂ im.  
9120. " " ♂ ad.  
9121. " *Asteria* ♂ ad.  
9122. *Amotilla varia*, ♂ "  
9123. " " ♂ "  
9124. " " ♂ "  
9125. " " ♂ im.  
9126. *Dendroica pennsylvanica*, ♂ ad.  
9127. " " ♂ "  
9128. *Geothlypis trichas*, ♂ ad.  
9129. " " ♀ "  
9130. *Helminthophila ruficapilla*, ♂ ad.  
9131. *Setophaga ruticilla*, ♂ im.  
9132. " " ♂ "  
9133. *Vireo noveboracensis*, ♀ ad.  
9134. *Parus atricapillus*, ♂ "  
9135. *Chrysomitris tristis*, ♂ ad.

Clear and still, very warm.  
Starting at 7.30 Bryant and I drove to Belmont and leaving the horse in Prospect St. on the top of the hill spent the forenoon in the adjoining fields and the extensive birch woods to the northwards. Birds were liberally swarming but we saw few northern migrants.

1884  
May 24

Middlesex County, Mass.  
Belmont and Weymouth.

9137. *Icteria virens*, ♂ ad. Bushy thicket at the eastern end of the Willows. In full song. Apparently without a mate. Shot by W. E. Bryant.  
9138. *Dendroica striata*, ♂ ad. } the Willows.  
9139. " " ♀ " }  
9140. " " ♀ " }  
9142. *Geothlypis trichas*, ♀ ad. } the Willows.  
9143. *Hylocichla ludovicianus*, ♂ im. " }  
9144. *Dendroica maculosa*, ♀ ad. " }  
9145. " *Asteria*, ♂ ad. } mates "  
9146. " " ♀ " }  
9147. " " ♂ " }  
9148. *Dendroica castanea*, ♂ ad. Birches - in full song. fat.  
9149. " *virens* ♂ - Oak woods - singing.  
9150. " *striata*, ♂. }  
9151. " " ♂ } Singing - extremely fat  
9152. " " ♂ } in birches and low  
9153. " " ♂ } oaks.  
9154. " " ♂ }  
9155. " " ♂ }  
9156. " " ♀ }  
9157. *Helminthophila chrysopleura*, ♀ } Mated pair; ♀ not  
9158. " " ♀ } near singing-birches  
9159. *Peucaea rubra*, ♂ ad.  
9160. *Dendroica maculosa*, ♀ ad. birches

Clear and very hot, Ther. 85°. Wind south-west. A heavy thunder shower last night.  
Started at 8.30 this morning with Bryant and drove to the Willows, stopping for a few moments on the road to Weymouth. At the Willows we found birds numerous and many migrants among them. Before we had the horse I heard a low singing and he quickly made for the spot. He was perched in the top of a young elm within twenty yards of a farmer at work. Bryant attempted to brow the latter's wrath and drove the bird for me. This he accomplished after a long chase. Shortly afterwards I saw a pair of *Stelgidopteryx serripennis* fly over a patch of mixed glades on the bare meadows. They frequently alighted together, once in the road within long grass range, but I could not get within a pistol shot. Finally they circled off and disappeared.  
We finished the day in Weymouth town within a large flight of migrating warblers swept down settled for the oaks & birches were alive with them. I shot a fine Black-throated W. *setacea* I gave to Bryant and heard another both were singing loudly.

the Willows  
Belmont

Weymouth town  
both Weymouth

1884  
May 27

Locust Grove, Lewis Co., New York.

- |       |                               |                |                   |
|-------|-------------------------------|----------------|-------------------|
| 9161. | <i>Passerculus versicolor</i> | ♂ ad.          | } Springs meadow. |
| 9162. | "                             | ♀ " incubating |                   |
| 9163. | <i>Parus atricapillus</i>     | ♂ ad.          |                   |
| 9164. | "                             | ♀ "            |                   |
| 9165. | <i>Junco hiemalis</i>         | ♂ ad.          |                   |
| 9166. | <i>Sitta carolinensis</i>     | ♂ ad.          |                   |
| 9167. | <i>Setophaga ruticilla</i>    | ♂ im.          |                   |
| 9168. | <i>Contopus virens</i>        | ♂ ad.          |                   |

Clear and rather cool.  
Bryant and I left Boston in the morning of 25<sup>th</sup> and reached Port Jervis at seven o'clock next morning. Meriam met us at the station and we breakfasted his beautiful home in time for breakfast. Bryant went out that forenoon and shot a dozen common birds but I did not take the field until this morning when we both started together and spent the forenoon in Coe's woods an attraction from 27 beeches, maples, and yellow birches adjoining Mr. Meriam's place. We found the woods less far advanced than at Cambridge the leaves being still much & casting only a scanty shade.

May 28

- |       |                                |       |
|-------|--------------------------------|-------|
| 9169. | <i>Passerculus versicolor</i>  | ♂ ad. |
| 9170. | "                              | ♂ "   |
| 9171. | "                              | ♂ "   |
| 9172. | "                              | ♂ "   |
| 9173. | <i>Hirundo horreorum</i>       | ♂ "   |
| 9174. | "                              | ♂ "   |
| 9175. | "                              | ♂ "   |
| 9176. | <i>Petrochelidon lunifrons</i> | ♂ ad. |
| 9177. | "                              | ♀ "   |
| 9178. | "                              | ♂ "   |
| 9179. | "                              | ♂ "   |
| 9180. | "                              | ♂ "   |
| 9181. | "                              | ♂ "   |
| 9182. | "                              | ♂ "   |
| 9183. | "                              | ♂ "   |
| 9184. | "                              | ♂ "   |
| 9185. | "                              | ♂ "   |
| 9186. | "                              | ♂ "   |
| 9187. | "                              | ♂ "   |
| 9188. | "                              | ♂ "   |
| 9189. | <i>Hirundo horreorum</i>       | ♀ "   |

Cloudy and very cold the morning of May 26<sup>th</sup> at Meriam.

With Bryant spent the forenoon in a meadow about half a mile below the Meriams. He devoted our attention chiefly to swallows of which there were hundreds congregated on the bare top of a small piece of woods. I find about thirty shots at them with my 22 cal. but failed to hit one. Three shot by with my 12g. In the afternoon Bryant returned & killed twenty of which I shot in game near the birds club house.

Most flying in a meadow at Port Jervis N.Y. May 28.

1884.  
May 30

Locust Grove, Lewis Co., New York.

- |       |                              |       |                                   |
|-------|------------------------------|-------|-----------------------------------|
| 9190. | <i>Lardus albidus</i>        | ♂ ad. | } Open fields & maple woods field |
| 9191. | "                            | ♂ "   |                                   |
| 9192. | "                            | ♀ "   |                                   |
| 9193. | <i>Peromyscus leucopus</i>   | ♂ im. |                                   |
| 9194. | <i>Colaptes borealis</i>     | ♀ ad. | Ash swamp.                        |
| 9195. | <i>Contopus virens</i>       | ♀ "   |                                   |
| 9196. | <i>Dendroica striata</i>     | ♂ ad. |                                   |
| 9197. | <i>Lardus fuscus</i>         | ♂ ad. |                                   |
| 9198. | "                            | ♂ "   |                                   |
| 9199. | <i>Junco atricapillus</i>    | ♀ ad. |                                   |
| 9200. | <i>Lanius borealis</i>       | ♀ "   |                                   |
| 9201. | <i>Melospiza socialis</i>    | ♂ im. |                                   |
| 9202. | <i>Dolichonyx oryzivorus</i> | ♂ ad. |                                   |
| 9203. | <i>Setus pubescens</i>       | ♀ ad. |                                   |

Clear and bitterly cold all day. Ther. 26° at sunrise. Started immediately after breakfast with Bryant and spent the forenoon in Coe's woods. Birds were numerous and easily obtained for the poor creatures chilled with the frosty air, were congregated in numbers in sheltered places near the ground in an ash swamp, beeches, junipers, & yellow pines. Sparrows were flitting about among lower brush hedges all about. Sparrows and many other birds especially on the north side of woods & orchards.

May 31.

- |       |                             |       |                        |  |
|-------|-----------------------------|-------|------------------------|--|
| 9204. | <i>Lardus fuscus</i>        | ♀ ad. | } Swampy woods, mostly |  |
| 9205. | <i>Dendroica virens</i>     | ♂ ad. |                        | } evergreen (A. nigra, balsamifera, and Canadensis). |
| 9206. | "                           | ♂ "   |                        |  |
| 9207. | "                           | ♂ "   |                        |  |
| 9208. | "                           | ♂ "   |                        |  |
| 9209. | <i>Mniotilta varia</i>      | ♂ ad. |                        |  |
| 9210. | "                           | ♀ "   |                        |  |
| 9211. | <i>Dendroica striata</i>    | ♂ ad. |                        |  |
| 9212. | <i>Contopus virens</i>      | ♂ ad. |                        |  |
| 9213. | <i>Carpodacus purpureus</i> | ♂ ad. | } Males                |  |
| 9214. | "                           | ♀ "   |                        |  |
| 9215. | <i>Sitta carolinensis</i>   | ♂ ad. | Best woods             |  |
| 9216. | <i>Vireo olivaceus</i>      | ♂ ad. |                        |  |
| 9217. | "                           | ♀ "   |                        |  |

Cloudy & warm but still cool. In the forenoon Dr. Meriam drove us to an extensive swamp where spruces & firs prevailed over the hardwoods. He shot an *Empidonax* here.



1884  
June 2

Lewis County, New York.  
Port Henry to Birmingham Lake

- 9218 *Geothlypis philadelphia*, ♂ ad.  
9219 " " " " ♂  
9220 " " " " ♂  
9221 " " " " ♂  
9222 " " " " ♂  
9223 " " " " ♂  
9224 " " " " ♂  
9225 *Hirundo lunifrons* ♂ } Males. Shot flying by Bryant with  
9226 " " " " ♀ } a 32 cal. pistol at a deserted barn  
9227 *Coccyus erythrorhynchos*, ♂ ad. sitting on dead ash near stream  
9228 *Poocetes gramineus*, ♂ ad.  
9229 *Poocetes gramineus*, ♂ ad. sandy field on hill-top.  
9230 *Troglodytes aedon* ♂ ad. Present land not desert. very abundant everywhere in hill. some
- 9231 *Zonotrichia albicollis*, ♂ ad.  
9232 " " " " ♂  
9233 *Dendroica pennsylvanica*, ♂ ad.

114 2/3 *Chordeiles pictus*. Set of two eggs laid on dead leaves on tract of burnt land, sloping to shore of Birmingham Lake. I flushed the female from them. She flushed along the ground a few yards, finally alighted on the top of a low stump near Bryant. Who shot her.

Clear, warm still & in every way a perfect June day. Starting a little after sunrise in a double-seated, open wagon. Merriam, his sister Miss Florence, Bryant & I drove to Birmingham Lake a pretty flat of water lying about fifteen miles north-west of Plover. We stopped often by the way to shoot a few birds or look for nests so that we did not reach the lake until about eleven. Taking a boat we pulled entirely around it landing here & there to ramble about in the woods in search of plants & birds. One land was eaten on a pretty little island shaded by pines (*P. resinosa*) and after waiting an hour or more here for a thrush. Thence we drove finally to the hotel at a slight springing we returned to the hotel at the landing & had dinner. Near this hour Merriam shot a black woodchuck, a fine adult ♀. The drive home late in the afternoon was simply delightful and the success of the day was crowned a little before sunset by the finding of a nest of four eggs of *Geothlypis philadelphia*. This treasure fell to Merriam. I have deposited it at home (in care). We reached home about nine P.M.

1884  
June 3

Lewis County, New York  
French Settlement, Lyonsdale.

- 9234 *Geothlypis alpestris pratensis*, ♂ ad. field down into  
9235 " " " " ♂ } out, which were  
9236 " " " " ♂ } up, about two  
9237 " " " " ♂ } inches high. ♂  
9238 " " " " ♀ } singing & humming  
9239 " " " " ♀ } peculiarly as in  
9240 " " " " ♀ } Colorado. Several  
9241 " " " " ♂ } small flocks -  
9242 " " " " ♂ } perhaps families of  
9243 " " " " ♂ } young & old together  
9244 " " " " ♀ }  
9245 *Poocetes gramineus*, ♂ ad. } field of springing oats.  
9246 *Picoides arcticus*, ♀ ad. } long leaf, edge of cedar swamp.

Clear and very hot. Starting at three o'clock P.M. Merriam, Bryant, and I crossed Black River and drove to the French Settlement, Lyonsdale. The country after crossing the river & ascending some steep hills by means of a winding ravine, was an elevated plateau, very sudden, nearly level, for the most part in cottony fields, and altogether very like some of the eastern plains. Here we forded Horse Creek numerous that I shot twelve and Bryant four in less than two hours. Many of the ducks were flying in the air and as we returned homeward at sunset we saw our tower to a height of several hundred feet floating & rising at intervals as it rose & descended.

June 4

French Settlement, Lyonsdale.

- 9248 *Geothlypis alpestris pratensis*, ♂ ad. same loc. as above  
9249 *Turdus atricapillus*, ♂ ad.  
9250 *Geothlypis philadelphia*, ♂ ad. } burnt woods grown up  
9251 " " " " ♂ } to blackberry & raspberry  
9252 " " " " ♂ } vines. Merriam & I  
9253 " " " " ♂ } shot in the space of a few acres
- 200 2/3 *Dendroica pennsylvanica*, nest in raspberry vine about 2 ft. up. 4 eggs fresh  
349 5/8 *Zonotrichia albicollis*, nest with four eggs. Nest on ground in springy place among, & well hidden by dense green ferns. ♀ flushed directly from nest & nest with shot
- Spent the forenoon on nearly the same ground visited yesterday. Returned to Cambridge June 5<sup>th</sup>.

1884.  
June 10

9254. *Ammodramus caudatus*, ♂ im. first pl. } Pawtucket, Rhode Island. Shot &  
1855. " *caudatus*, ♂ ad. } presented in the flesh by W. B. Bryant.

June 12 Belmont, Massachusetts.

9256. *Ammodramus caudatus*, ♂ ad. " 1st pl. " "  
9257. " " " " " " "  
9258. " " " " " " "  
9259. " " " " " " "  
9260. " " " " " " "

Cloudy with breeze in evening.  
Left Belmont in the morning driving over the Belmont  
road by way of "Hogget" and then into the "barren" where  
we found out that the person on Hook Meadows had a  
little house built, saying it was the place where he  
had lived for five or six years. It was in the same old spot on the  
south side of the road.

June 13 Revere Beach, Massachusetts.

9261. *Ammodramus caudatus*, ♂ ad. } Shot on the extensive salt marshes  
9262. *Passerculus savanna*, ♂ ad. } bordering the Eastern R.R. track  
9263. " " " " } about half a mile north of "Oak  
9264. " " " " } Island". Spelman shot a second  
9265. " " " " } Sharp-tail. The *Passerculus* were all  
9266. " " " " } incubating, two of the ♀s having  
completed their sets.

Clear and cool.  
With Spelman took the 8.30 train for Oak Hills and crossing  
to the Eastern R.R. track followed it northward for about a  
mile passing the marshes on either side. We found *Ammodramus*  
sparrows sparingly distributed everywhere, not abundant by  
any means. The marshes were full of the nests on which  
they are yearly stacked there being the only elevated points over  
the perfect tide. The females were incubating. I shot them but  
could not find their nests. Like the Horned Larks on the  
western plains, I think they started from their eggs before  
we got near the spot. We saw only two Sharp-tailed Finches  
both of which we shot. They were both males. We saw  
shot by Spelman being in immature plumage. With the  
exception of these two Finches, a pair of Kingbirds which were  
hawking upon one of the stakes, and an occasional company  
of Swallows playing about over the grass the marsh was absolutely  
untenanted by birds. We did not even see a Blackbird there.  
Returned by the P.M. train.

1884  
June 17

Venquitt, Massachusetts.

9267. *Ammodramus caudatus*, ♂ ad. } Shot on small salt marsh  
9268. " " " " } near the sea. About a dozen  
9269. " " " " } were & some shot in all.  
9270. *Passerculus savanna*, ♂ ad. } Shot on salt marshes within  
9271. " " " " } a few hundred yards of the  
9272. " " " " } sea. The females were all  
9273. " " " " } incubating. The young bird  
9274. " " " " } was caught on the beach  
9275. " " " " } ridge with two others which  
9276. " " " " } are in the cabinets of Messrs.  
9277. " " " " } Chadbourne & Spelman.

9278. *Melospiza melodia*, ♂ ad. } Shot in the marshes  
9279. *Tachycineta bicolor*, ♂ ad.

Clear and hot, the 85° at noon.  
With Batchelder, Chadbourne and Spelman I spent the day  
in a trip to Venquitt, near (six miles) New Bedford.  
We left Boston at 8 A.M. and upon reaching New Bedford  
hired a horse & coach wagon and drove to Venquitt. Here  
we beat a large marsh where Chadbourne found Sharp-tailed  
Finches abundant in July a few years ago but not a bird  
could we detect. In fact it was evident that they had  
all left the place. On the way back to New Bedford  
however we stopped at a small marsh by the roadside  
near some salt works and found a colony of about  
six pairs of Sharp-tails breeding. We shot three between  
us besides several *Passerculus*. The Sharp-tails were  
shut and skulking. The females were all incubating  
but we searched in vain for their nests.

No other birds of any particular interest were detected.  
Marsh Hawks were abundant in the fields, White-eyed  
Vireos in the thickets. Between the former was  
similar to that about Cambridge with the difference  
that there were fewer birds. Among interesting plants  
& trees we noted *Rhus copallina*, the Sassafras, and  
a good variety of oaks.  
Had a long, weary journey on our return  
reaching Boston at 11 P.M.

June 23

9280. *Coccyzus erythrophthalmus*, ♀ ad. Belmont, Mass. (The Yellow) W.B.  
9281. *Ammodramus caudatus*, ♂ ad. first pl. } Cambridge, Mass. Shot  
9282. " " " " } in our garden.

1884  
July 4

Shelburne, New Hampshire

9283. *Passerculus savanna*, ♂ ad.  
9284. " " ♂ "  
9285. " " ♂ "  
9286. " " ♂ "  
9287. " " ♂ "  
9288. " " ♀ " singing  
9289. " " ♀ " incubating  
9290. " " ♀ "  
9291. " " ♀ "

Shot on the interval meadows along the Androscoggin where they are breeding in abundance. Indeed all these specimens were taken within an area of a few acres and there were several left when I got through shooting. Most of them had young some of which were flying about. On ♀ 9, the first egg of a second clutch to lay her first egg of a second clutch.

9292. *Dolichonyx orisvornus*, ♂ ad.

33296-2 *Passerculus savanna*. Shot on interval meadows. Well built in the ground. It contained two live young about three days old and three eggs one of which was added, the other two containing dead embryos. One of these embryos was nearly of full size the other small. The ♀ sat closely and flew from the nest when started.

Clear and very warm.  
I came to Shelburne July 2nd to spend the present month. This morning I took a walk over the interval in front of Philbrook with the above results. The only birds breeding there were Bobolinks, Savanna Sparrows and a few Song Sparrows.

July 8

9293. *Trois solitarius* ♂ ad. worn breeding pl. testis very small. Penis - long.  
9294. *Parus americana*, ♀ juv. first pl.  
9295. *Dendroica blackburniae*, ♂ ad. with ♀ among buntings.  
9296. *Chondestes tristis*, ♂ ad. shot in a pasture where they were feeding.  
9297. " " ♂ " among sweet fern. There were twenty or thirty in one flock. One that I shot had the  
9298. " " ♂ " in one flock. One that I shot had the  
9299. " " ♀ " larva of some insect in its bill.  
9300. " " ♀ "

Cloudy with showers of fine rain.

In the afternoon took my 32 cal. and explored the valley west of the house which leads to "Bould & Pitches". At its head near the base of Mt. Cabot found a beautiful piece of white pine woods with openings grown up to hemlocks & young spruces. Here I shot several birds and saw many others. They are already in flocks - Warblers, Titmice, Sparrows, and Vireos, leading their broods of newly-plumaged young through the woods, chirping, chasing one another and collecting gayly after their brief season of parental care. The adult males still lay freely and most of them seem to be still in good plumage.

1884  
July 7

Shelburne, New Hampshire

9301.  
9302.  
9303.  
9304.  
9305.  
9306.  
9307.  
9308.

*Chondestes tristis*, ♂ ad. } Shot in the same place as those secured yesterday.  
" " ♂ " }  
*Sitta canadensis*, ♀ juv. first pl.  
*Setophaga ruticilla*, ♂ juv.  
*Sitta canadensis*, ♂ juv. first pl.  
*Dendroica coronata*, ♂ " " " } Shot by Arthur C. Chadbourne.  
" " ♀ " " "  
*Cyanura cristata*, ♀ " " "

Cloudy and cool with rain in the afternoon.

Immediately after breakfast rained and I started on a tramp. We went out early, the same ground as yesterday, penetrating a little further. In the afternoon Chadbourne went out and in the pines near the brook made a good bag. He shot an ad. pair of *D. castanea*.

July 10

9309.  
9310.  
9311.  
9312.  
9313.  
9314.  
9315.  
9316.

*Dendroica maculosa*, ♂ ad.  
" *blackburniae*, ♀ "  
" " ♂ juv. with first 2 fall plumages.  
" " ♀ " first pl.  
*Setophaga ruticilla*, ♂ juv. first pl.  
" " ♂ " " "  
*Vireo olivaceus*, ♂ ad.  
*Carpodacus purpureus*, ♂ ad.

Clear and a wonderfully perfect day after the heavy storm of last night.

In the forenoon Chadbourne and I went to the white pine woods where he collected yesterday. We each made a fair bag of birds and got back by noon. There were comparatively few birds singing among them *Indus pallasi*, *Corvinus albertus*, and *Vireo olivaceus*. Every day now I notice a falling off in the morning and evening choruses of bird song. All the species are still to be heard occasionally but they are fast losing heart.

1884  
July 11

Mt. Washington, New Hampshire

9317. *Dendroica castanea*, ♂ ad. Parent of & seen to feed No. 9318. } Shot in heavy spruce forest  
9318. " " ♂ juv. first plumage. } in 2nd mile from base or  
9319. " " ♂ " " " } about 2300 feet.
9320. *Lurdus alixiae bicknelli*, ♂ ad. Shot near end of 3rd mile from base (about 3100 ft.)
9321. *Parus hudsonicus*, ♂ ad. worn breeding pl.
9322. " *atricapillus*, ♀ " " " "

Clear and warm.

With Chadbourne, Hagerman & Miss H. I left Shelburne this morning about 7.30 A.M. and drove to the summit of Mt. Washington arriving at 1 P.M. On the way up the mountain we made many stops, all before reaching the Half-way House. The first halt was made at the second mile when we took lunch & spent an hour or more looking for birds, getting here *D. castanea* feeding its young. The first *Lurdus bicknelli* occurred about midway of the third mile & was shot by Chadbourne with his pistol. Shortly after I shot another. We had a clear view all the way up and a warm, still morning.

July 12

9323. *Lurdus alixiae bicknelli*, ♂ ad. Among dense balsam saplings opposite Halfway House.
9324. " " " ♀ " Had completed incubation, same locality as preceding.
9325. " " " ♂ juv. Among stunted birches (*Betula hetera*) opposite Half-way House. It was apparently alone and kept up an incessant calling, its note quack being scarcely distinguishable from that of its parents which were heard in the same thicket.
9326. *Dendroica striata*, ♂ ad. } Thickets of stunted fir and spruce between 4000 and  
9327. " " ♂ (a pair) } 5000 ft. The trees were nowhere more than 4 ft  
9328. " " ♀ " } high.
9329. *Sitta canadensis*, ♂ juv. first pl. } Mixed growth of fir & yellow birches opposite the  
9330. " " ♂ " " } Half-way House. No others seen.
9331. *Empidonax flaviventris*, ♂ ad. Same place as the preceding (nos. 9329, 9330)

9332. *Junco hiemalis*, ♂ ad. Shot on the bare mountain side at an elevation of
9333. " " ♂ " } between 4000 and 5000 ft. They avoided the stunted spruces  
9334. " " ♀ " } and haunted the rocky places among scattered boulders.  
9335. " " ♀ " } One of the females was about to lay an egg of her second clutch
9336. *Sitta canadensis*, ♂ juv. Shot in the fir & birch woods opposite the Half-way House.
9337. *Lurdus harrisi*, ♂ ad. first below Half-way House. Shot by Chadbourne.
- 153 1/2. *Lurdus harrisi*, seen in small spruce, bright about 7 ft. high, fresh, nest had only one egg in it. It was in a fork of the tree and I saw it of singing near nest.

Rose at 3.45 A.M. to see the sun rise which was nearly cloudless and very impressive. Breakfasted at 5.15 and at 6 promptly started down the mountain. Made the first stop a little more than a mile above Half-way House in the 3rd mile from summit. Here I found *Lurdus bicknelli* and *L. harrisi* in spruces less than 10 ft. high. Also saw a Wood. At the top, above Half-way Chadbourne & I left the wagon and descended through the woods coming out on the road below the house. Got most of our birds during this descent. Met the rest of the party at the house & started homeward reaching Shelburne at 5.30.

1884  
July 11-12

Mt. Washington, New Hampshire  
List of Mammals & Birds Observed.  
Mammals.

1. *Tamias striatus*. - Several seen and two shot near the Half-way House when they lived among the loose stones coming forth into the road to feed on the grain in horse droppings, etc.
2. *Putorius*. - A little Skunk in perfect brown summer pelage propped out in plain sight of, and with the feet from, me in a tract of stunted fir & spruce on the bare mountain side a little more than a mile by carriage road above the Half-way House.

Birds.

1. *Lurdus harrisi*. - Abundant from the base to a tract of stunted fir and spruce a little more than a mile by the carriage-road above the Half-way House (see card).
2. *Lurdus alixiae bicknelli*. - Ranges from about 3000 ft. to 4400 ft. Abundant over much of this area in most places outnumbering *L. harrisi*. Many were seen taken July 12 (see cards).
3. *Parus atricapillus*. - Observed from base to a point on the carriage road about half a mile below the Half-way House.
4. *Parus hudsonicus*. - One in flock of *Parus atricapillus* about half a mile below the Half-way House; another heard some two hundred feet above this house.
5. *Sitta canadensis*. - Two shot in mixed fir and birch woods nearly opposite the Half-way House. Both were young, ♂♂ in first plumage.
6. *Certhia familiaris*. - One seen by Mr. Chadbourne about two miles above the base in heavy timber.
7. *Geothlypis hiemalis*. - One heard singing about two miles above the base.
8. *Helmintophila ruficapilla*. - One heard singing on the 3rd mile another seen among birch scrub on the bare mountain side on the 5th mile.
9. *Dendroica caerulescens*. - A male singing on the 2nd mile.
10. " *coronata*. - Several about the Half-way House (one brood of young seen here); a single male about on the 5th mile.

1884

July 11-12

## Mt. Washington, New Hampshire.

11. *Dendroica castanea*. - Two broods of young in first plumage, one hatched by an adult ♂, the other by a ♀, were found about two miles above the base by the carriage road (see card).
12. *Dendroica striata*. - Ranging from the 3rd to the 6th mile post. Abundant at and above Half-way House (see card).
13. *Dendroica blackburniana*. - A single ♂ heard singly, a little above the 2nd mile post.
14. *Dendroica olivacea*. - Noted near 2nd mile post and again a little above the 3rd.
15. *Troglodytes olivaceus*. - A single ♂, heard singly about half a mile above the base.

16. *Empidonax cedrorum*. - Several heard flying over near the 5th mile post or about a mile above the Half-way House.

17. *Parus inornatus*. - One heard distinctly, opposite Half-way House (see card).

18. *Chrysomitris pinus*. - Several heard near Half-way House (see card).

19. *Zonotrichia albicollis*. - Heard & seen from base to 6th mile post.

20. *Junco hiemalis*. - Abundant from the base to the summit. Below the Half-way House found throughout the densest woods, above partial to piles of boulders, rather avoiding the thickets of stunted spruces. Two ♂s shot July 12 at about 5000 ft. were about to lay eggs presumably of their second clutch; one of them was collecting horse hair in the nest & had his bill filled with it.

21. *Cyanocitta cristata*. - Several seen during the 1st mile, none above.

22. *Parusoreus canadensis*. - A little family of five or six, one or two in first plumage, seen about quarter of a mile below the Half-way House (see card).

23. *Empidonax flaviventris*. - An adult male shot in a rather open forest of firs nearly opposite the Half-way House. It was silent and very tame. None of the trees in this wood were over 20 ft. high.

24. *Perisoreus villosus*. - One seen during the second mile.

1884

July 15

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*Regiarchus cinnereus* ♀ ad. first plumage, among white pines.

" " ♂ juv. first pl. (hatched the week of the 11th)

" " ♀ " "

*Hirundo horreorum*, ♂ juv. first pl.

" " " " " "

*Cardinalis purpureus*, ♀ juv. " "*Junco hiemalis*, ♀ ad. last year's nest.*Spizella socialis*, ♂ juv. first pl. (CONKIS INCH TO 1000)*Junco hiemalis*, ♂ juv. first pl. (CONKIS INCH TO 1000)*Thryothorus ludovicianus*, ♂ ad. blacklock woods, above*Dendroica blackburniana*, ♂ juv. first pl.*Vireo olivaceus*, ♀ juv. first pl." *Robtarius*, ♀ ad. singing.

Clear with a north-west wind blowing a gale. With Chalkburn I took a tramp this morning over the Locary farm well up into the beautiful hemlock woods on the mountain side. Birds were rather scarce and silent but we had remarkably good luck as the above will show. The day was windy and disagreeable. Remained to dinner.

July 16

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*Parusoreus canadensis*, ♂ ad.

" " ♂ "

" " ♂ "

" " ♀ "

" " ♂ juv. first pl.

" " ♀ " " "

Shot on the dendrocozyne interlock. The testes of the adult ♂s were all of maximum size, showing that they must all be breeding a second time as the testes of other birds are now reduced in size at least 1/3.

A cloudy morning with intermittent showers. Took a short walk over the interlock in Locary's and Philbrook's fields. Hunted especially for young *P. ludovicianus*, but saw only one which escaped. The Robbins ceased singing about half day ago.

July 17.

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*Dendroica cerulea*, ♂ ad." *coronata*, ♂ ad. with yellow wash on throat.

" " ♂ "

" *castanea*, ♂ "" *peninsularis*, ♀ juv. under first & fall pl.

" " ♂ " " "

*Parus atricapillus*, ♀ juv. first pl.

" " ♂ " " "

" " ♂ ad. were breeding pl. month

*Pyrausta rubra*, ♀ ad.

" " ♀ juv. under first &amp; fall pl.

*Dendroica maculosa*, ♂ juv. " " " "*Sitta carolinensis*, ♂ juv. first plumage. Sugar-maple grove

Cloudy with occasional showers. Spent the forenoon with Chalkburn in the woods bordering Regal's Brook. These were very numerous but especially in the older, long the Brook and in young white pine, 1000 ft. very few. They are singing now. Returned to dinner as usual.



Starling after breakfast I spent  
the forenoon in the woods back of  
Lear's penetrating fur. than I  
have we have before but finding  
very few birds except in one place,  
some large pine woods near Lear's  
Cave. Then I think a survey  
about the west of the premises  
here catalogued. very few birds  
are hanging round and the woods  
are fast relapsing into comparative  
silence.

1884

July 26

Mt. Washington, New Hampshire

7423. *Sitta canadensis*, ♂ juv. first pl. } not in mixed birch & fir woods opposite  
 7424. " " ♀ " " } the Half-way House. They were scattered  
 7425. " " ♂ " " } about and with small companies of Warblers
7426. *Dendroica coronata*, ♂ ad. Opposite Half-way House. Had incubated this season.  
COV. IN ECH. TO 30 FT. S.W. V. 10, H. 10.
7427. *Dendroica striata*, ♂ juv. hatched full pl. COV. IN ECH. TO 30 FT. S.W. V. 10, H. 10.  
 7428. " " ♀ " " "
7429. *Regulus satrapa*, ♂ juv. first pl. A little company of family, 2nd mile from base.  
COV. IN ECH. TO 30 FT. S.W. V. 10, H. 10.
7430. *Bonasa umbellus*, ♀ juv. Shot directly behind the Half-way House by Chadbourn.  
 There was a brood of ten or a dozen with the mother.
7431. *Parus hudsonicus*, ♂ ad. Opposite Half-way House.
7432. *Dendroica striata*, ♂ ad. Opposite Half-way House.

I have summer day, absolutely cloudless, without a breath of air, yet, crisp and cool as October.

With Messrs. Fremont, Chadbourn and Maynor. I started for Mt. Washington at four o'clock this morning. We reached the Glen House at seven o'clock after a delightful and healthy impression from Chadbourn. The air was so clear that the mountains on all sides stood out with unusual distinctness and the details of rock, ledge, and thicket on their jagged sides could be seen as distinctly as, under ordinary conditions, through a field glass. Especially beautiful was the view from Round Mine Bridge as, we crossed it in the morning twilight, the river scattered with mist which spread and closed against the distance beyond.

The ascent of the mountain to the Half-way House corner we unharmed & left our team, was interesting as usual but marked by no special incident save the seeing of a porcupine, a very large specimen which crossed the road in front of the horse and was afterwards inspected in the bushes by all the party, but to my regret left unharmed by them. At the Half-way House we had a breakfast at seven o'clock and then started forth, Maynor following the carriage-road to the summit with Boring & Berlin, Messrs. Deane and Fremont laying their course for the Alpine garden (which they failed to reach or find), and Chadbourn & I entering the woods directly opposite the house. In these woods we wandered about for some hours, searching carefully for birds, especially *Microtus*, but finding almost nothing. Indeed the woods were almost perfectly silent and apparently deserted. Evidently we were too late. Most of the birds had got their young out and departed perhaps for the summer pastures, where the species seen are given opposite. The mist at 8 P.M. & started for home which was reached about seven P.M.

1884

July 26

Mt. Washington, New HampshireList of Mammals seen to day.

1. *Sciurus hudsonicus*. One seen opposite Half-way House in fir & birch woods.
2. *Tamias striatus*. Several about Half-way House. Boring Briggs also saw one only a few hundred yards below the summit.
3. *Lepus americanus*. One seen by Chadbourn opposite Half-way House.
4. A large Porcupine crossed the road in front of our horses in the 2nd mile from the base.

Birds.

1. *Turdus swainsoni*. One seen by the roadside about the 3rd mile, a pair in the woods opposite the Half-way House. Some heard singing. Evidently most of them had left the upper portion of their range on the mountain.
2. *Turdus alicola* *bicknelli*. - Some were seen but I heard two distinctly in the woods opposite the Half-way House. One called twice, the other once or twice. We searched very closely for them but could not find one. Evidently they have left the upper part of the mountain.
3. *Regulus satrapa*. A little family party met with during the 2nd mile and one in first plumage shot.
4. *Parus hudsonicus*. - Not detected in worn plumage shot among pine opposite the Half-way House. *Parus florus* was not seen.
5. *Sitta canadensis*. - Some shot and several others seen near the Half-way. They were feeding on the limbs and branches of yellow birches.
6. *Geothlypis trichas*. One heard singing on the 2nd mile.
7. *Dendroica coronata*. An adult ♀ in good plumage shot opposite the Half-way. She had incubated this season.
8. *Dendroica striata*. - Six or eight males heard singing and their broods of young seen. The young were all changing from first to full pl. The ad. ♂, very bright.

1884  
July 26

Mt. Washington, New Hampshire.

9. Dendroica virens, - A male heard singing during the 2<sup>nd</sup> mile.
10. Vireo olivaceus, - Two males singing during the 1<sup>st</sup> mile.
11. Myiarchus canadensis, - One seen in the 2<sup>nd</sup> mile.
12. Empidonax carolinensis, - Several heard opposite the Half-way.
13. Carpodacus purpureus, - A male singing freely opposite the Half-way.
14. Junco hyemalis, - One opposite Half-way.
15. Zonotrichia albicollis, - One or two heard near Half-way.
16. Turdus hiemalis, - Only two or three seen near Half-way.
17. Cyanocitta cristata, - A small flock among firs opposite the Half-way House. This is the highest point on the mountain where I have seen them.
18. Parus canadensis, - A single adult seen opposite the Half-way House. I called it by imitating its whistle when C. shot at but missed it. It was very near me and looked in fine plumage.
19. Empidonax flaviventris, - One heard and another seen opposite the Half-way House.
20. Picus villosus, - A young ♀ shot in the 2<sup>nd</sup> mile.
21. Accipiter fuscus, - One seen circling directly over the Half-way House.
22. Bonasa umbellus, - Chadbourne found a brood of about a dozen young accompanied by their mother among some hemlock bushes directly behind and within a few rods of the Half-way House. He shot one of the young & gave it to me.

Birds seen but only doubtfully identified.

Dendroica castanea, A Warbler thought to be this species seen a little below the Half-way.  
Sayornis fuscus, A large flycatcher which wagged its tail & uttered a note similar to the Phoebe but more shrill.

1884  
July 28

Shelburne, New Hampshire.

9433. Empidonax traillii, Ad. breeding pl. Later small thickets along bank of Androscoggin.
9434. Holichonyx ossorius, ♂ juv. inter first & fall pl. A large flock all in brown dress.
9435. Carpodacus purpureus, Ad., mouthing & changing to fall plumage.

Cloudy with light rain. In the forenoon took a walk over the interval to the river bank. Saw and heard a number of Traill's flycatchers. They are still very noisy.

July 29.

Ingalls Woods.

9436. Turdus pallasi, ♀ juv. first pl.
9437. " fuscus, ♀ juv. inter first & fall pl.
9438. Sitta canadensis, ♂ juv. inter first & fall pl.
9439. " " ♂ " " " "
9440. " " ♀ " " " "
9441. Dendroica blackburniae, ♂ juv. fall pl.
9442. " " ♂ " " " "
9443. " canadensis, ♀ juv. first pl. - Saw it fed by ♀ parent. Among hemlocks.
9444. " coronata, Ad. high breeding pl. just beginning to moult.
9445. Myiarchus canadensis, ♀ juv. fall pl.
9446. Merula migratoria, ♂ juv. post fall plumage.
9447. Helminthophila ruficapilla, ♀ juv.
9448. Zonotrichia albicollis, ♂ juv. inter first & fall pl.
9449. " " ♀ " " " "
9450. Vireo olivaceus, ♂ juv.
9451. Picus villosus, ♂ juv. first pl.
9452. " " ♂ " " " "

Cloudy with occasional slight showers.

With W. Decker and Chadbourne I spent the morning in Ingalls pine woods where we found an abundance of birds. Most of them were collected into one immense flock comprising probably two hundred individuals, chiefly Robbers, Nuthatches and Titmice. They fed chiefly in the tops of the taller birches whose foliage was often agitated as if by a breeze, by their active movements. The entire flock progressed rather thickly through the woods, slowly & not disturbed by our firing, then rapidly, and finally breaking up into smaller bands which scattered in all directions.

July 30.

9453. Empidonax flaviventris, ♂ juv. Among young birches along brook. Saw & shot a walk with Deane this morning.







1884

## South Carolina

List of Birds observed from April 1<sup>st</sup> to May 10<sup>th</sup>, 1884, near Charleston.

The following list (based largely on notes attached on pages 2-21 of this volume and partly on observations recorded on library cards) includes only species actually observed by myself and others, for whom occurrence I obtained convincing proofs. It does not include my observations in the same locality in 1883 (see Vol. IV of journal pp. ) nor specimens reported by Mayne upon insufficient evidence. Many species could be added to the list by spending a few hours in the Charleston Museum.

1. *Turdus mustelinus*; - Arrived April 10; moderately common in galls & hummocks up to May 8 & in full song. Doubtless breeds sparingly (see card)
2. " *fuscus*; - Arrived May 1. Several seen in swampy woods. Adult only, but afterwards observed.
3. " *alicius*; - Arrived May 1. For several days moderately common in dark swampy woods and about the edges of pine lands. Between May 10
4. " *swainsoni*; - Saw one distinctly on James' Island, April 29. & heard its peep. It was in oak scrub.
5. " *pallasi*; - Abundant up to April 23<sup>rd</sup>, last seen Apr. 25. Found singly & in small companies in swamps, briary thickets, & about the edges of open pine woods.
6. *Turdus migratorius*; - Abundant through the winter; but seen by Mayne a few days before my arrival.
7. *Mimus polyglottus*; - Abundant. (see card)
8. " *carolinensis*; - Abundant in migration; breeds sparingly (see card)
9. *Harporhynchus rufus*; - Abundant on James Island, not often seen inland. Migrants & breeding birds shot together (see card)
10. *Sialia sialis*; - Common but not abundant, chiefly restricted to the pine lands where it was breeding.
11. *Polioptila caerulea*; - Very common especially on post oak ridges. Breeds also in the pine woods (see card)
12. *Regulus calendula*; - Numerous April 1. Afterwards observed sparingly up to about the 20<sup>th</sup> last seen April 29.
13. *Lophophanes bicolor*; - Abundant, resident most numerous in post oak thickets in the pine lands (see card)
14. *Tamus carolinensis*; - Generally distributed but nowhere common. Probably not more than six pairs seen in all. Nest with fresh eggs taken by Mayne.
15. *Sitta carolinensis*; - Seen only in piney woods where it was by no means common. A brood of five young with parents met Apr. 23 (see card)
16. *Sitta pusilla*; - Seen only in pine woods where it was abundant and generally distributed. Young on wing April 25 (see card)
17. *Thryothorus ludovicianus*; - Abundant everywhere (see card)
18. *Geothlypis aedon*; - A few seen at intervals up to the end of April about brush heaps & bushy places on James Island. They sang in an undertone and noted like migrants. In fact I doubt if they bred though they may sparingly.

1884

## South Carolina

List of Birds observed near Charleston.

19. *Cistothorus palustris*; - Abundant in the salt marshes where they breed regularly.
20. " *stellatus*; - A ♂ singing April 7 on one of the sea islands and others at Olan Mills May 5<sup>th</sup> (see card)
21. *Ministrella varia*; - Only four seen in all Apr. 23-May 3 (see card)
22. *Protonotaria citrea*; - A pair in live oak scrub on James Island, April 22. The next day two in woods near pond, Helms' plantation. Afterwards (in June) found breeding in abundance but by Mayne (see card)
23. *Heloniasa swainsoni*; - Arrived April 22. Breeds sparingly (see cards)
24. *Halimethereus minimus*; - Arrived April 22 when I shot one on James Island. Another killed in gall, inland, on 23. Mayne shot an adult in worn breeding pl. July.
25. *Halimethereus celata obscura*; - Saw one April 4 in thicket in a big white house. Shot another on James Island, Apr. 8. (see card)
26. *Parula americana*; - Abundant, breeding everywhere where the trees bear yellowish moss. (see card)
27. *Geothlypis trichas*; - Arrived Apr. 22 and during the next four days was rather numerous, especially on James Island (see card). I have no evidence that they bred here. Last seen Apr. 29.
28. " *caeruleus*; - Two shot in a dense gall in pine lands, one April 23, the other May 3; both were males & plenty.
29. " *coronata*; - Common everywhere, abundant on James Island (see card)
30. " *striata*; - A single adult ♂ shot by Mayne, May 6, on the edge of a gall in pine lands. Mayne has one seen it before.
31. " *dominica*; - Abundant inland, found sparingly on the islands. One of the few persistent migrants (see card)
32. " *pinus*; - Common in pine woods both inland & on the islands (see card)
33. " *palmarum*; - Rather common in the yellow pines up to April 24 especially on James Island. Last seen April 22 (see card)
34. " *ful. hypoleucis*; - Four shot April 10. (see card)
35. " *discolor*; - Common through April, a few seen as late as May 8. Probably breeds (see card)
36. *Sturnus americanus*; - April 22-May 1; very common Apr. 22-23 (see card)
37. " *naevius*; - A ♂ shot May 3 among cypress in gall was the only one seen. It was in full song.
38. *Geothlypis trichas*; - Rather common through April. A ♀ seen building May 1. Habits & song as at the North (see card)
39. *Felicia virens*; - Arrived April 23. A few seen near Charleston but it was evidently not numerous there. Abundant at Olan Mills (see card)
40. *Myiodynastes virens*; - Arrived April 1. Afterwards common (see card)

1884

South Carolina  
List of Birds observed near Charleston.

41. Setophaga ruticilla; - Shot an adult ♂ April 22 on James Island. This was the only one seen.
42. Vireo olivaceus; - Rusty and dingy April 1. Afterwards numerous (see card) Vireo flavifrons was noted at Oakley in May 1883.
43. " Solitarius; - Observed from April 4 to 12. Not common - one usually found in very large flock of Starlings (see card).
44. " novboracensis; - Literally swarming in every thicket. A pair built nest April 8. (see card).
45. Lanius ludovicianus; - Common, breeding in very large plantations and frequently along the roadsides.
46. Amphisp. cedrorum; - First seen Apr. 14. Afterwards abundant till May 10 (see card) frequenting our garden in large flocks feeding on mulberries.
47. Progne subis; - Common breeding everywhere both in boxes in our towns & in gourd about negro huts. Arrived Feb. 28.
48. Petrochelidon herculea; - One in company with White-bellied on James Island April 8. No others seen.
49. Merula horreorum; - Arrived April 23; very common for the rest of week; a few seen May 1. (see card)
50. Tachycineta bicolor; - Abundant through April on James Island. A heavy migration noted there on the 28<sup>th</sup>.
51. Stelgidopteryx serripennis; - Arrived April 1. Afterwards rather common. They breed in the walls of the Citadel.
52. Pyrranga rubra; - A ♂ shot April 16 on James Island was the only one seen. Mayne has never taken it.
53. " caerulea; - Arrived Apr. 16; abundant on the 18 when the first ♀ was seen. (see card.)
54. Carpodacus purpureus; - Mayne says they wintered by thousands. He showed me skins.
55. Ammodramus carolinensis; - Abundant through April. Last seen Apr. 28. Frequented truck farms & rice & cotton fields.
56. Polioptila caerulea; - Numerous during the first two weeks of April on the truck farms & cotton fields.
57. Coturniculus passerinus; - One seen on Holmes' plantation April 25.
58. Ammodramus carolinensis; - I found one small colony on the salt marshes opposite the city on Ashley River April 7.
59. Zonotrichia albicollis; - Abundant through April in briar thickets, indeed everywhere. A few seen daily up to my departure.
60. Spizella socialis; - Common through the first half of April, saw one at five-mile Run on May 8.
61. " passilla; - Rather numerous in small company about hedges & the borders of old fields in early April. Last seen Apr. 16.
62. Junco hiemalis; - Mayne assures me they winter regularly in numerous flocks but all had gone before my arrival.
63. Poocaena \_\_\_\_\_, Abundant (see card)
64. Melospiza melodia. A few observed during the first week of April in hedges bordering cotton fields. They were silent.
65. " palestris;

1884

South Carolina  
List of Birds observed near Charleston.

66. Pipilo erythrophthalmus; - Common up to April 25 (when last seen) occurring nearly everywhere in thickets after with P. pallens.
67. " " alleni; - Generally distributed but nowhere very common (see card)
68. Cardinalis virginianus; - Abundant (see card)
69. Guiraca caerulea; - Arrived Apr. 25; afterwards common (see card)
70. Cyanospiza cyanea; - Arrived April 23; afterwards abundant. Seen as late as May 8 (see card)
71. " iris; - Arrived April 16. Abundant on all plantations and even in the woods in many places (see card)
72. Solichonx crissalis; - Arrived April 23; afterwards in thousands remaining until my departure (see card)
73. Agelaius phoeniceus; - Common on the islands also in fresh water marshes inland; bred everywhere.
74. Sturnella magna; - An immense flock on the islands Apr. 7 (see card) a few seen on Holmes' plantation later.
75. Icterus spurius; - General arrival April 16; afterwards abundant, sing freely & persistently (see card)
76. Luscinia major; - Abundant on the sea island & marshes (see card)
77. " purpureus aglaia; - Several seen at five-mile Run on May 8 (see card)
78. Corvus americanus; - Abundant especially in pine lands inland. Notes and habits as at the North.
79. " corax; - Very common both on the coast and inland. I saw them in numbers at Goose Creek, May 5.
80. Agelaius cristatus; - Abundant everywhere especially about plantations. (see card)
81. Tyrannus dominicensis; - Mayne tells me one was shot in the city limits last summer & is now in the museum.
82. " carolinensis; - Arrived April 12; afterwards abundant feeding on mulberries (see card)
83. Myiarchus cinerascens; - Arrived April 10. Afterwards abundant especially in pine lands (see card)
84. Contopus virens; - Arrived April 18 when I saw several. Afterwards common in pine lands up to my departure.
85. Empidonax flaviventris; - One heard April 23 in a dense swamp near Holmes' pond.
86. " acadiens; - Arrived May 2; afterwards common. 6 ♀ building May 5 (see card)
87. Turdus columbis; - Several males seen April 1. Afterwards abundant occasionally throughout my stay.
88. Chondestes pelagicus; - Arrived April 1<sup>st</sup> abundant next day; bred.
89. Centurus carolinensis; - Mayne heard them first on March 24. They are abundant about Charleston (see card)
90. Chordeiles propinqua; - Arrived April 25. Common at five-mile Run May 8 (see card)

1884

South Carolina  
List of Birds Observed near Charleston

91. Campylorhynchus principalis; - Mr. Minshew assured me they are common  
the whole back. He has seen them on his plantation within
92. Picus villosus; - One seen April 18 (Hobcaw Point), another May 6  
fighting with pair of Red heads. (Hobcaw Point Road)
93. " pubescens; - Found sparingly & locally in pairs, a ♀ sitting in  
nest near Minshew's plantation, April 17 (see card)
94. " borealis; - Not seen near to Charleston, though by several, further  
back rather common in pine woods (cf. card)
95. Hylocichla ustulata; - One heard near 4 1/2-mile station April 23  
was the only one noted. Hayne says they are common in
96. Centurus carolinus; - The only one which I saw was a ♀ shot April 16.  
Hayne gave me two
97. Melanerpes erythrocephalus; - Arrived April 18 when I saw two. Only a  
few seen afterwards (cf. card)
98. Colaptes auratus; - Generally distributed, through the pine lands  
especially, but nowhere common (see card)
99. Ceryle alcyon; - Common about all the rivers & creeks along  
the coast as well as inland.
100. Coccyzus americanus; - Arrived April 18 & was numerous by the 22.  
They breed laying seven to nine eggs according to Hayne.
101. " erythrocephalus; - April 28 I shot an adult ♀ among birch  
on James Island. No others seen.
102. Recurvirostra americana; - Five or six taken from our house at  
Charleston. They are also taken at St. Michaels.
103. Thryothorus ruber; - A young bird in a swamp at Goose Creek  
May 5 was still downy but able to fly well.
104. Scops asio floridanus; - Hayne has taken them at Otrants where  
they breed. I have seen no specimens.
105. Bubo virginianus; - April 15 heard one hooting in a dense  
swamp (see card)
106. Falco columbarius; - One flying along the shore of James Island,  
April 28.
107. " sparverius; - One or two only & then well inland.
108. Pandion hal. carolinensis; - Common about the rivers. A pair had a  
nest in pine woods near Hobcaw Point
109. Accipiter fuscus; - A ♀ shot April 8 on James Island (cf. card)
110. Bubo virginianus; - Very common breeding everywhere in dense  
swampy woods.
111. Cathartes aura; - Common but much less numerous than the  
next, here visits the markets. Haunts the marshes.
112. Catharista atrata; - Abundant (see card)
113. Lanius carolinensis; - Abundant (see card)
114. Chamaea fasciata; - Common on the sea islands, rarely  
seen inland (cf. card)
115. Melospiza; - Still numerous within ten miles of the city.

1884.

South Carolina  
List of Birds Observed near Charleston

116. Ptygo. virginiana; - Abundant everywhere (see card)
117. Ardea herodias; - Common about the salt creeks and  
marshes.
118. " egretta; - Specimens in the Charleston Museum.
119. " candissima; - Common on the salt marshes.
120. " caerulea; - Heard in abundance on some of the islands  
according to Hayne. I saw none but he showed me eggs
121. " viridis; - Common everywhere about the salt creeks &  
marshes (see card)
122. Myiarchus cinerascens; - Seen on Apr. 14 and again on the 24  
on James Island (see card)
123. Myiarchus cinerascens
124. Urethra cyllis; -
125. Sturnella leucosticta; -
126. Endocentrus albus; -
127. Hemiteles pallidus; - Birds numerous on an island  
near Sullivan's Id. Hayne showed me eggs.
128. Sturnella leucosticta; - Heard flying over the Ashley River on  
several occasions in April.
129. Urethra cyllis; - Heard & seen frequently near the city  
through April
130. Philohela minor; - Abundant in winter; bags of a dozen were  
easily made in Cape Breton. The planters say it
131. Gallinago wilsoni; - Abundant in winter according to all  
the sportsmen.
132. Totanus melanoleucus; - Heard and seen almost daily through  
April on the Ashley River.
133. Rhyacophilus solitarius; - Saw one in a salt marsh on James'  
Island, April 22.
134. Symphoricarpa lamproloma; - Seen almost daily on the  
marshes near the city.
135. Urethra cyllis; - Hayne says it occurs sparingly on  
flooded fields in April. This was confirmed by
136. Tringa melanoleuca; - Arrived April 10. Afterwards common especially  
about the shores of the salt rivers & creeks.
137. Numenius longirostris; - Saw several large flocks on April 19.  
the Cooper River (cf. card)
138. Rallus crepitans; - Literally swarming throughout the  
Atlantic salt marshes
139. " virginianus; - April 21 flushed one from the edge of  
a salt marsh near the city. Saw it plainly
140. Fulica americana; - Hayne says they occur by hundreds in  
winter on the flooded rice fields.



[illegible]

Crossing the road and climbing French's Hill, I came upon an adult ♂ Hendroica coronata feeding in a cedar. A little further on in the dense belt of cedars, was the same mixed flock left there on the 20<sup>th</sup>. But it had received additions, since then for from it I took two Hendroica coronata & a E. castanea (Further particulars concerning both will be found on cards).

After killing all the desirable birds from this flock I crossed the railroad and beat the Arsenal woods. Here was another mixed flock composed chiefly of Pain. stricapsillus and Junco. carolinensis but containing also a Yellow-rump Warbler and a Yellow Red-poll Warbler. The latter I shot at twice knocking him down. He moved then but coming near among the thick foliage. It was very provoking for I cannot say certainly whether he was typical Palmeri or one hybridizing; the latter I think however, for he looked very yellow beneath and I was at one time near enough to observe both sides.

I cannot imagine any reason for the appearance of ~~them~~ of the above-named species so early in the season. We have had no cold or even cool weather of late. Indeed the past three days have been intensely hot, the 28<sup>th</sup> the hottest day of the summer in fact, and hotter to the northward than here. The Ther. at Dover, N. H. reaching 100° Fahr. Probably these birds, and perhaps others as well, regularly work south in small numbers about this time, and collectors, being rarely in the woods in August, overlook them.

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Haddam County, Massachusetts,  
Norwinstown - Coolidge farm.

Dendroica tigrina ♂ juv. moulting-fall pl. nearly completed, mixed flock in cedars  
"Castanea ♂ juv. " " " " " " White oaks on hill  
" " ♀ " " " " " " " "  
" maculosa, ♀ " fall pl. in mixed flock among red cedars.  
" viridis, ♂ juv. " " In white oaks on hill-top.  
Mniotilta canadensis, ♀ juv. " Mixed flock in red cedars.  
Helminthophila rubicapilla, ♀ " " " " " "  
Empidonax flaviventris, ♂ ad? " " Among young black oaks - alone.  
" " ♀ " " " " Red cedars - alone  
" " ♀ juv. " " " barberry bushes. "  
" " ♀ " " " Willows by pond (H. G. Gallagher's)  
Vireo olivaceus, ♂ ad? fall pl. iris brownish - red. Red cedars - alone.  
Ampelis cedrorum, ♂ ad. Notes nearly aeopisium area - red cedars - alone  
Totanus ballinorens, ♀ ad? Unmistakably ♀, apparently adult. Oak woods.

Clear and cold; ther.  $54^{\circ}$  Fahr. at sunrise. Yesterday was cool but not cold. The temperature fell very low last night throughout northern New England as will be seen by the clipping below taken from this evening's "Herald."

Hunting at 9 A. M. I spent a long forenoon on the Coe's farm, finding birds so abundant that I went no further than the cedars and returned over the same ground.

In the woods behind the Cemetery there were few birds, A. Coccyzus, Myiophobus, in the apple orchard; a few Oreos, Dendroica pens., and Contopus virens among the pines; and in the small black oaks are Empidonax flaviventris; in the willows by the pond are the E. flaviventris, and in the hollow between the orchard & the woods a single Virens.

FROST IN AUGUST.

Vermont Crops Damaged on the Hills.

WATERBURY, Vt., Aug. 23. A hard frost fell last night. Corn was damaged somewhat on the hills. Fog prevented damage in the valleys.

Reports from Various Points.

LEWISTON, ME., Aug. 25. Heavy frosts on the low lands are reported from several towns in this vicinity; no damage done to crops.

BENNINGTON, VT., Aug. 25. There was heavy frost here this morning. In places the buckwheat crop is ruined, and others are greatly injured.

DOVER, N. H., Aug. 25. There was very heavy frost last night. The weather has been moist, chilly since Saturday night.

CONCORD, N. H., Aug. 25. Quite a heavy frost occurred in the Merrimack-river valley last night, causing considerable damage to vegetation. At Canada this morning the mercury stood 23°, being a change of more than seventy degrees in temperature since last Thursday. A large amount of garden stuff was destroyed there by last night's frost.

LITTLETON, N. H., Aug. 25. There was a heavy frost here last night, doing great damage.

CONTOCOOK, N. H., Aug. 25. Frost and damage to crops are reported in the Contocook and Warner River valleys this morning.

BRIDGEPORT, CONN., Aug. 25. A heavy white frost is reported this morning along the Housatonic and Saugatuck valleys.

TORONTO, ONT., Aug. 25. Despatches from various points in Canada report a cold wave. The mercury fell rapidly here today.

WINNIPEG, MAN., Aug. 25. Despatches from all parts of the Northwest report the lowest temperature of the season (Friday night), the thermometer registering 37°. Growing crops were not injured.

THOU, N. Y., Aug. 25. There was a severe frost last night, and the corn and buckwheat crops are damaged.

sun-apeflies, the only one seen during the day. Crossing the road & climbing French's hill I soon reached the strip of cedars. The only birds seen was a young Accipiter persus which was so tame that I got a close shot at it with my pistol but failed to kill it. A little further on I struck the usual mixed flock largely augmented by fresh arrivals from the north. Thus in it I shot or identified Geod. tigrina, one; G. coronata, four or five (all ad.); G. maculosa, one; G. tris, one; G. pennsylvanica one full ad.; G. carolina, two (both shot); Myadestes canadensis, one; Al. auripennis, two; Setophaga ruticilla, at least a dozen; Geothlypis trichas, one; Tree. discolor, several; Vireo flavifrons, one; Pass. atricapillus, four or five. Several of these were seen among the white oaks on French's hill but all evidently formed part of the same great flock in which I should perhaps include Carpodacus flammeus of which two were killed on the hill. I saw neither Minutella varia nor Dendroica aestiva & think

both may have been.



1884  
Aug. 27

Middlesex County, Mass. - the  
Cambridge - the Maple Swamp.

9493. *Parula americana*, ♂ juv. fall pl.  
9496. *Setophaga ruticilla*, ♂ juv. " "  
9497. *Geothlypis trichas*, ♂ ad. " "  
9498. " ♀ juv. " "  
9499. *Vireo olivaceus*, ♂ ad. fall pl. Notes: maximum size.  
9500. *Empidonax minimus*, ♂ juv. fall pl.

Clear and warm Sun. 1.  
I entered the Maple Swamp with much curiosity this morning wondering whether it would be filled with northern birds such as I found on the Coolidge farm during my last visit or supplied with only such species as breed in the vicinity. The latter proved the case; at best I found only one bird which ~~could~~ be safely assumed to have come from the North viz. *Parula americana*.

There were very few birds of any kind in either of the swamps. In the first or eastern one I noted only, *Vireo olivaceus*, a small family, partly *Setophaga ruticilla*, one; *Geothlypis trichas*, one; *Hydromela ludovicianae*, a ♂, apparently young, singing freely; *Turdus fuscus*, several; *Mimus carolinensis*, several.  
In the second or western swamp I found several *Geothlypis trichas* one *Setophaga ruticilla*; several *Vireo olivaceus*; and a brood of *Chrysomitris tristis* still in the nest; also a single *Parula americana*.

In the northern swamp I shot an *Empidonax minimus*, and saw six or eight *Geothlypis trichas*.

On the way home I saw a single *Vireo olivaceus*; several *Geothlypis trichas*; and hundreds of *Tachycineta thalassina* and *Coturnix japonica* flying high over the swamps, and sitting on the telegraph wires.

The only birds singing were the *Hydromela*, one *Vireo olivaceus*, and *Geothlypis trichas*. I heard three of the latter all singing in the air.

I searched closely for *Dendroica aestiva* but neither saw nor heard any.

The *Clethra* is still in bloom and *Impatiens flava* is also conspicuous among swamp flowers. In the fields the "flea dandelion," *Chicorys*, and *Geranium* are most noticeable.

Aug. 27

Chatham, Mass.

9501. *Sterna antillarum*, ♂ ad. Black of cap mixed with white  
9502. " " ♂ "  
9503. " " ♂ - With decidedly projecting lower mandible  
9504. " " ♂ "  
9505. " " ♀ " With solid black cap.  
9506. " " ♀ "

The above forms were sent to C. J. Maynard from whom I had them in the flesh. They were shot by some one at Chatham. I gave M. three *Parus* & a *Junco* Red-bird for them.

1884  
Sept. 1

Middlesex County, Massachusetts  
Watertown - Coolidge farm.

9507. *Turdus fuscus*, ♀ ad. fall plumage.  
9508. " " ♂ juv. Moulting. In first ♂ fall plumage.  
9509. *Dendroica striata*, ♀ fall plumage.  
9510. " *bicolor*, ♂ juv. Perfect fall plumage.  
9511. " *viridis*, ♀ fall plumage.  
9512. " *maculosa*, ♀ juv. fall pl.  
9513. *Parula americana*, ♀ " "  
9514. *Helminthophila ruficapilla*, ♀ fall plumage.  
9515. *Myiobolus canadensis*, ♂ juv. fall plumage.  
9516. " *pusillus*, ♂ ad. fall plumage.  
9517. *Empidonax minimus*, ♀ juv. Moulting fall plumage.  
9518. " *plumbeus*, ♀ " fall plumage.

Clear and cool with a light North-west wind. Sun. 58° at sunrise.  
Starting about at 8.30 A.M. I spent the forenoon on the Coolidge farm, entering from Mt. Auburn reaching the woods behind the Catholic Cemetery and then passing on to French's hill where I ended the tramp at the cedars and returned on the same route.

There was a wonderful rush of birds; the woods were fairly alive with them and I should have made a heavy bag had not my 24 cal. shells played me false - owing to some error in loading. I believe I must have fired nearly fifty shots to get the specimens above catalogued.

In the country woods I found one *Seta carolinensis*, a *Striata varia*, several *Redstarts*, a *Dendroica virens*, several *Vireo olivaceus*, an *Empidonax minimus*, two *Hydromela ludovicianae*, and two or three *Coturnix japonica*.

At the spring on the edge of the pond I saw only a *Redstart* or two.

On French's hill I noted *Turdus fuscus*, eight or ten; *Seta carolinensis*, one; *Striata varia*, two; *Myiobolus canadensis*, one; and a number of *Redstarts*.

In the cedar belt over *Parula americana*, one; *Dendroica virens*, one; *Seta carolinensis*, one; *Striata varia*, one; *Hydromela ludovicianae*, one; *Myiobolus canadensis*, one; *Empidonax minimus*, one; *Chrysomitris tristis*, two; *Coturnix japonica*, several; *Empidonax minimus*, several; *Turdus fuscus*, several; *Turdus migratorius*, several.

The Wilson's Thrushes were in small companies and scattered about singly. They were feeding on some cherries as were also the Robins. The *Striata* had also, I think, been eating these cherries as its account was thickly tinged with their juice.

In the evening during a drive through Watertown I saw a large flock of *Chondestes propinqua*, at least fifteen or twenty in all. Bright when seen together about sunset flying southward with a north wind many *swallows*. Later a number crossed the road passing above close to the ground.





1884  
Oct. 11

Bake Harbor, Maine.

9573. Zonotrichia leucophrys, ♀ juv. } like the sparrows and juncos among thickly growing grass  
9574. Perisoreus Canadensis, ♀ } and juncos on the knoll behind back house  
9575. Perisoreus Canadensis, ♀  
9576. Fulica americana ♀ juv.

GOVERNMENT TO BOSTON, MASS.

Clear and warm.

Left Boston on the morning of the 9th spending that night at Bethel and driving through to the lake on the 10th. From Bethel to Upton saw many birds but nothing of much interest except a young Contopus by the roadside and four houses in the lot.

Spent this morning in the woods behind the house, the afternoon on the river rowing as far as B. point. Saw a flock of seven ducks, gray with white bellies and long necks. I made them out to be Pintails but was by no means certain.

The water is very high, the meadows flooded, and the prospects for shooting—especially for snipe—very poor.

Shot a Coot (Fulica) and a Widgeon (P. podiceps) both near the mouth of the river.

Oct. 12

Cloudy with intermittent showers. Wind west.

Spent the day about the house. Saw nothing of interest except two of the strange ducks observed yesterday. Young Widgeons coming down the river in the forenoon. Saw two Red-bellied Loons. Both were young birds. They were all about the house.

Oct. 13

9577. Zonotrichia leucophrys, ♂ juv. full pl. } feeding in a large flock of juncos & tree sparrows  
9578. " " " " " " } on the down yard in front of back house.

Cloudy with a heavy thunder shower in the morning succeeded by a rapidly falling thermometer. Remains of the day cold and raw with high wind.

Starting immediately after the shower Alva and I spent the day about the meadows at the mouth of the Cambridge and in the Sargent Cove.

On the meadows we saw three Black Ducks and three Hooded Mergansers. The latter were diving in shore on the edge of the grass but they came in and swam out into open water when they rode at anchor until we passed on. I identified them perfectly with my field glass. Their crests were for the most part depressed and looked as yellow as gold in the dark water.

In the Woodcock cove on Sargent's farm I flushed a single duck which I thought I killed but "Wind" could not find him. This was the only shot at game that I got during the day. Early in the morning I heard several Red-bellied Loons flying over the meadow. Also saw a Hylolaemus on the knoll behind the house.

1884  
Oct. 14.

9579

Bake Harbor, Maine  
Cambridge River.

Perisoreus Canadensis, ♀ ad.

(See also Oct. 11, 1884)

Cloudy, cold, and raw, with strong north-west wind & frequent flurries of snow.

Starting with Alva at about 10 A.M. I spent the day on Cambridge river paddling about half way through B. Meadows, then returning to the lake and ascending the height Cambridge for a mile or more.

Saw only two ducks both of which I shot. The first a Black Duck we came upon in the river as we rounded a sharp bend. It was at once and I knocked it over with my first barrel. The second, a Hooded Merganser, was in the river well in on the meadows. He came upon it, also, very suddenly and I shot it on the water.

On our return I got a third shot at a house which flew from a bush on the bank keeping down stream. It got well off before I could fire and I missed it.

The river was very beautiful although the woods were for the most part leafless and they have been seriously injured by the lumbermen. They were fairly alive with small birds, chiefly juncos, tree sparrows, chickadees (heard three P. hendersoni), song sparrows, winter wrens, and thrushes (T. satrapa). The tree sparrows and juncos as well as the song sparrows were mostly feeding along the banks near the blue-joint grass or on the bare mud and at nearly every turn of the stream a small flock would rise with a dull whistling sound in the silence. While we were eating breakfast a ♀ junco (evidently a young bird as it was very tame) on the wings and flew on the high. It alighted apparently by one fire (was hopping about literally within arms length. I have rarely seen any wild bird so fearless and confiding. It often approached within five or six feet and when I threw a stick at it merely dived without flying. It was pecking busily among the moss & fallen leaves its bright little eyes glistening like black beads.

We flushed a single Great Blue Heron from a rock in the middle of the river and I could easily have shot it as it glipped heavily off. At the entrance to the meadows I saw an Accipiter americanus. After dark as I was walking home from the landing I heard a Night Heron at first in the distance up river, then nearer and nearer until it finally passed nearly overhead, near the in the house but marking its course through the air by a hoarse quack at frequent intervals.

We saw two Minks and perhaps three. One swam across the stream landed and galloped nimbly along the bank, diving into holes under roots, peering out for a moment, drawing back, appearing again at some unsuspected place, and altogether behaving in the usual weasel-like way. Both the others were under such hanging banks.

1884

Oct. 15

1880.

1881.

## Lake Umbagog, Maine.

Bucephala albeola, 8 juv. full pl. } Great Cove; two or a dozen seen and shot.

" " " " " " " " " " " "

Clear and cold with high north-west wind.

Started at 9 a.m. with Alva and spent the day on the lake. We tried the meadows below the house first but saw nothing but a Rusty Blackbird and two Snow Buntings. In Sargent's Cove were two Golden-eyes but they were wild & we could not get a shot. On the west shore of the great cove we came upon two Puffin-heads and I killed both with one barrel on the water. Further on four Black Ducks started from the meadow just out of range. When the head of the cove Alva paddled me to within about fifty yards of five Puffin-heads. I got them together & fired, killing the other barrel on the first one I saw in the air. So my suspicion all went off apparently unburnt. We got within long range of them again & killed one as they rose at fully twenty yards.

At the head of the cove some Whistlers went out without giving us a shot. One on return Alva paddled me within long range of two Puffin-heads when we shot first on a mud bank. I shot at them but failed to kill. Shortly after 4 we came in a flock of four, doubtless the nervous ones. One flew & I fired. I killed one two, sitting (one of them clucking out on a mud bank sitting very erect) and as the remaining two swung by doubled one of them earth, my left barrel. One of the first two got off in the confusion & swimming out of range rose & flew away. Afterwards we fired a single bird & paddled down on him early enough bagging him with equal ease. During most of this time our boat was brushed.

We saw three Snow Buntings flying about this cove seeking for a place to alight and bath in the afternoon as we were rowing to B. point on our return a flock of about 25 skunked by. We also saw a Phylloscopus which flew across the cove at a distance of at least half a mile passing us nearly within range.

In the heavy forest on the west side of the Cove I heard a fine "good-bye" whistling in a pair of crows. Two appeared, both in brown plumage. They alighted in a tall fir and apparently, were at work among the cones.

Early this morning as I looked out of my window I saw a flock of about twenty-five golden-puffs on the frozen ground in front of the house. There were three tree sparrows and three Zonotrichia albicollis among them; also a single Chrysomitris tristis.

The leaves are falling fast and the glory of the autumn leaves is rapidly fading. The meadow neighborhood in many places this morning.

Bay, Puffin-headed Ducks 6.

1884

Oct. 16

## Lake Umbagog, Maine.

Steady and chilly with occasional squalls and rain or snow.

Started at about 4 a.m. and paddled down river. At the third bend we saw two Whistlers two of which were apparently perfectly adult males. I watched them through my glass for a moment when they rose and flew out of sight.

Just as we rounded this bend we discovered four Black Ducks in the river nearly opposite the entrance to the pond. They did not seem to notice us but swam through the gut into the pond. We paddled up to the bank and I got a long shot at them stopping two on the water and a third as they rose. One of the first two rose a moment later and flew off. The other two got into the grass and we searched a long time for them in vain but finally started out one and killed it with the paddle. The other one we could not find.

At the report of my gun a perfect cloud of Black Ducks rose from the lower pond and circled while most of them flying off a few settling when we could not get to them.

We decided to go up the lake and started to row where just inside of B. point we started two Black Ducks and a Mallard. They flew up the river but we did not follow them. Landing at B. point to eat lunch we discovered three shielded diving in the cove. They soon swam around within shot and as they came up from the den I shot one with each barrel.

The remainder of the day was spent in the Great Cove where we hunted one timber for we did not find a single Duck.

Black Duck 1, Mallard 2.

Oct. 17

A rough, windy day with frequent showers of rain or hail and a raging wind on the lake.

We spent the forenoon in repairs on my boat. Shortly after noon we started up Cambridge river. For two or three miles we paddled in dead silence seeing nothing worth shooting. Indeed there were very few birds of any kind - only an occasional tree or song sparrow hopping along the margin or a barred titmouse in the trees. In one of the upper pond holes, however, I found a Wilson's snipe. As I peeped through the tall grass on the bank I saw it crouch behind some reeds and at first took it for a Duck. But upon creeping to the spot discovered my mistake. The snipe was coming easily in the shallow water and I watched it for some time before starting it. It was very active and animated. The afternoon was dark and it was raining at the time. I finally flushed and shot it as it rose over the alders.

A little further on a Green Heron from the bank behind us and dropped in the alders after flying a few yards. I got out and climbing the bank another rose on me - came in a good shot which I made successfully. The first bird I found a moment later and shot on the ground. It was very tame skulking under a falling tree top within ten feet of us.

One on return heard a Yellow-bellied flying over. Green 2, Duck 1.



1884

Oct. 18

1882

1883

1884

Lake Umbagog, Maine.

The morning clear, still and cold with the sun

*Perisoreus canadensis*, ♂

♀

(See also Aug. 1. Lake Umbagog, Maine.)

*Anas obscura*, ♀ ad

The morning clear, still, and cold with the meadows frozen stiff; clouds gathering towards noon; the afternoon cloudy, raw, and windy with frequent flashes of rain and snow.

We started about 8 o'clock and paddled to the mouth of the river. Near the mouth we spied a pair of *Podilymbus podiceps* sailing about like ducks on the glassy surface. We paddled within 100 yds. of them when they took to wing.

Hearing a single quack I rounded the south shore closely and made out a large flock of black ducks feeding near the mouth of a brook. As it was too still to stalk them we paddled on and at 1 p.m. landed above to the east and we started for the upper end of the lake. It was a beautiful morning and I enjoyed the rowing exceedingly, but we actually saw only one duck the entire distance to the outlet, and that a shell-drake flying.

Running in to Moll's Rock we saw a pair of Canada jays making their characteristic short flights along the shore. They advanced faster than we could row and were soon at the camp where they at once descended to the ground and were soon at work among the reeds. I shot them both and found they were ♂ & ♀. We also used another near the mouth of the Cambridge.

After eating lunch on the rock (when I saw a better *canadensis*) we pulled into the outlet but finding nothing, started for home. As we were passing through the Narrows, talking & making much noise, four black ducks were just out of range from a small pond-hole on the end of the point.

On our return we saw two more black ducks and a few loons both young birds. Also a golden eye, a red breasted diver, and a mallard duck.

We reached the mouth of the Cambridge about 4 P.M. and I landed to make a careful stalk to the mouth of the brook where we left the black ducks this morning. Entering the woods I came out on the shore and followed it down. Seeing a movement in the water I stopped and watched the spot where a large and very dark snipe appeared a little below and came swift towards me. It would not swim half-way across the shallows keeping its head under water most of the time the long wands like neck moving incessantly from side to side as it searched the bottom for frogs. Finally it rose directly beneath me and looking up eyed me keenly. I stood perfectly still and it soon passed on without apparent alarm, crossing the brook a little above and shaking itself like a dog as it emerged on the sandy shore. Then it galloped swiftly up the bank and disappeared in the grass.

Continuing my stalk but seeing nothing of the ducks I had nearly reached the shore when suddenly a duck thrust up its head & neck within ten yards. Instantly it rose and I shot it when at least fifty black ducks rose straight up into a black cloud. I shot my gun and saw the ducks rise into the air but they were so near that I dropped my gun & found but one of them. The flock flew by then forty birds & alighted on the bank where we left them. (See also Aug. 1. Lake Umbagog, Maine.)

1884

Oct. 19

1885

1886

1887

Lake Umbagog*Perisoreus canadensis*, ♂ ad.

This light reddish nasal, legs & feet dark horn-color. Mixed above blue & green words extreme upper & lower belly yellow. New antennae to Tyler path. Above - black.

*Perisoreus canadensis*, ♂

Same locality as preceding. (See also Aug. 1. Lake Umbagog, Maine.)

Clear and cold with a high north-west wind.

I spent most of the day in the house but in the forenoon took a walk along the Tyler path to beyond the first clearing - further than I have been before for nearly ten years. On my return over the bridge and beyond above. The *Perisoreus* was on the edge of Abbott's clearing next the swamp. It was silent and motionless. I took it but first for a *Perisoreus* for it looked large but after a fair shot it was not the whole flock. Saw a single black flying over, a large flock of Robins, and a blue jay.

Oct. 20

Clear and very warm, then reaching 70° at noon. A very high west wind blowing almost a gale at times.

Shortly after breakfast we rowed down river and landed at the lower pond to look over the bank. I soon spied a black duck standing by itself on a small bank and shortly after several others swimming just out of range. They went in behind some grass and I attempted to creep within range when a perfect cloud of others (which all the while had been concealed by the grass on my right) but which were within easy range, rose with a prodigious rush & wings. I was lying on my face in the grass at the time & before I could rise, turn, and cock my gun they were out of gun shot.

I was a great shame for I have rarely had such a chance. The next two hours were spent in trying to get a shot at these ducks as they came back from the small branches but they were very shy and I returned to the house to dinner without having found a shot.

After dinner we went down again and found the whole flock scattered about over some mud flats with pools of water where it was impossible to stalk them. I got within about one hundred yards and watched them for nearly an hour through my field-glass. They would swim along the edge of the grass in long files feeding with their heads under water. Their bodies making very little show. Then five or six would climb on some mud bank and huddle closely together as dusky brown mass with heads sticking in very conspicuous way as they preened their feathers. I got only one shot a long way at a single bird which I missed. Also stalked three ducks and shot a gray bird among them which proved to be a pintail.

1884

Oct. 21

Lake Umbagog, Maine

Clear and warm with light north-east wind.

I went out alone this morning, starting late and paddling down to the mouth of the river. At the second pond were eight Black Ducks riding at anchor in the open water. As there was no chance to approach them I kept on landing at a small island opposite the head over at the base of B. point. Peeping over the bank I made out several Black Ducks sitting on a mud bank in the sun. Crawling around to them under the shelter of the bank I got a favorable position out of range but near some mud flats where I thought they would be likely to come. They did come within long range - eight or ten of them - but I could not get them well together and they gradually drew away again & kept on along the further shore until they were several hundred yards away. I had given up all hope when peeping over a cluster of hardback bushes that intercepted my view of the upper end of the pond I discovered eight or ten more. They soon came within range & I waited long for a shot but finally one of them saw me and I had to shoot quickly killing two on the water and missing the one I aimed at as they rose. Altogether I watched these Ducks more than two hours.

Shortly afterwards two Black Ducks alighted near me but they were on the alert and soon rose giving me a very long flying shot. I fired both barrels & one bird after flying a few rods toward & dropped in the woods, when I failed to find it.

In the afternoon I went down again but saw nothing except two Rusty Blackbirds which came in to roost on the island at sunset. In the morning I heard one or more Redpolls (*Agonotus*) flying overhead but could not see them. I also saw a Goshawk near the mouth of the river.

9588 *Anas obscura*, Sad.

Oct. 22

Clear and warm through the forenoon (ther 68°). Heavy rain from 1.30 to 4.00 p.m. Alva Coolidge having some work to do this morning I engaged Sumner Sargent as guide in his place. We started immediately after breakfast and paddled down river. On the north shore of the lower pond well out to its outlet we made out a Black Duck sitting on a mud bank. Landing beyond the point I made a careful stalk and upon getting within range found four Ducks swimming and playing about close in under the bank. I watched them a long time hoping to get them bunched but my usual luck prevailed and at length in despair I fired at two together on the water. At the report at least a dozen rose from under the bank but the wind was blowing a gale and I missed with my second barrel. To my great disgust I found that every Duck in the flock had got off but two dropped about half-way across the pond, one dead, the other wounded. The latter swam ashore on the river bank and hid under the long grass of a tussock where Sumner found her. She made no attempt to shake his grasp. Indeed he poked her with the paddle before seeing her. Returned early in the P.M.

9589 Black Duck, 2.

*Anas obscura*, Sad.

Oct. 24, 1884. Had a long talk to-day with Joseph Stone brother of

Gideon and Levi Stone. He was born at Umbagog and lived for thirty years or more on Metalline Point near the Narrows. Moose, Beavers, and Deer were abundant then. He used to hunt Moose with Metalline a pure

tribe, and the only Indian known to

which, however, was frequently resort-  
ing and fishing. A few Oldtown

men, walking, the entire distance from

Upton, spending a season in them on

in burning, then sailing. Caribou were

1835. They were not abundant. The

on the Mt. Observatory near *Asisicohos* Mt.

fall in immense numbers spending

to breed. They used regularly to

in Am., visiting the south part of the

the night and flying back before sun-

ers and other Ducks came in thousands.

ses of Ducks. Black Ducks were less

over 300 to 400 at a time. A favorite

Ducks was about Great Island.

Mr. Simeon Frost tells me that he came to Upton in 18 --. There

was then only a spotted trail through the woods from Brown's in Grafton.

There were two or three houses on Upton hill the lowest near where Steve

Marso now lives. He came to assist in Abbott's mill and marrying Enoch

there and returning in the afternoon. Saw no Moose & nothing of interest.

Plaske tells me that *Picus backus* and  
*Lanius excubitor* are both strictly confined in  
this region to the shores of Lake Umbagog  
never being found more than a few rods  
away from the water. *Picus backus*  
is said also to occur on the shores of  
Richardson Lake as well as about Upton  
of B. Pond. (Upton, Oct. 26 & 27, 1884)

1884

Oct. 21

Lake Umbagog, Maine

Clear and warm with light south-east wind.

I went out alone this morning, starting late and paddling down to the mouth of the river. At the second pond I was caught Black Ducks hiding at anchor in the open water. As there was no chance to approach them I kept on landing at a small island opposite the head over at the base of B. Point. Popping over the bank I made out several Black Duck the river. Crawling around to them I got a favorable position out of which I thought they would be likely within long range - eight or ten of them well together and they got kept on along the further shore a yard or two away. I had given up all a cluster of hardhack bushes that upper end of the pond I discovered some came within range & I was finally one of them saw me and killing two on the water and as it was. Altogether I washed two hours.

Shortly afterwards two Black Ducks were on the alert and soon saying that. I fired both barrels and reds toward & dropped in and it.

In the afternoon I went down two Black Ducks which came in. In the morning I heard of flying overhead but could not see near the mouth of the river.

9588

Anas obscura, Gad.

Oct. 22

Clear and warm through the forenoon (this day Coldidge having more work to do than as guide in his place). We started around down river. On the south shore of the lake we made out a Black Duck sitting on point. I made a careful stalk and by four ducks swimming and playing about watched them a long time hoping to get within usual back provided and at length in despair I fired at two together on the water. At the report at least a dozen rose from under the bank but the wind was blowing a gale and I missed with my second barrel. To my great disgust I found that every duck in the flock had got off but two dropped about half-way across the pond, one dead, the other wounded. The latter swam ashore on the river bank and hid under the long grass of a tussock where human found her. She made no attempt to shake his grasp. When he poked her with the paddle before being hit, returned call in the P.M.

9589

Black Duck, 2  
Anas obscura, Gad.

Oct. 24, 1884. Had a long talk to-day with Joseph Stone brother of Gideon and Levi Stone. He was born at Umbagog and lived for thirty years or more on Metalluc Point near the Narrows. Moose, Bears, and Deer were abundant then. He used to hunt Moose with Metalluc a pure ribe, and the only Indian known to which, however, was frequently resorting and fishing. A few Flathead, walking, the entire distance from north, spending a season in them on the Flathead, then adrift. Caribou were abundant in 1835. They were not abundant. The on the Mt. Observatory near Asisicohos Mt. fell in hundreds numbers spending to breed. They used regularly to visit the south part of the Flathead and flying back before sun-ers and other Ducks came in thousands. Black Ducks were less than 300 to 400 at a time. A favorite Ducks was about Great Island.

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Black & the Flathead and this time the adp. Caribou were abundant by the hunters as early as 1835. They were not abundant. The chief hunting ground for them was on Mt. Observatory near Asisicohos. Wild Geese came in spring & fall in numbers spending several weeks but were remaining to breed. They used regularly to spend the day "belled" in the south corner of the better part of the lake at daylight to feed through the night & flying back before sun set morning.

Sheldrake, Whistlers, Mergansers and other ducks came in thousands. He has seen ten acres of solid masses of Black Ducks in the summer. He rarely went to the lake after 4 o'clock. I saw a few of the Flathead & Caribou in the north corner of the lake at daylight to feed through the night & flying back before sun set morning.

Mr. Gideon Frost tells me that he came to Upton in 18 --. There was then only a spotted trail through the woods from Brown's 1st station. There were two or three houses on Upton hill the lowest near where Steve Horse now lives. He came to assist in Abbott's mill and marrying Enoch

There and returning in the afternoon. Saw no Moose & nothing of interest.

1884  
Oct. 21

Lake Umbagog, Maine

Clear and warm with light south-east wind.

I went out alone this morning, starting late and pushing down to the mouth of the river. At the second pond were eight Black Ducks riding at anchor in the open water. As there was no chance to approach them I kept on landing at a small island opposite the bank over at the base of B. Point. Peeping over the bank I made out several Black Ducks. The sun, traveling around to the I got a favorable position out of which I thought they would be likely within long range - eight or ten. These well together and they kept on along the further shore a yard or two away. I had given up as a cluster of hardhack bushes that upper end of the pond I discovered some came within range & I was finally one of them saw me in killing two on the water and as they rose. Altogether I watched two houses.

Shortly afterwards two Black Ducks were on the alert and soon flying that. I fired both barrels and birds toward & dropped in mid air.

In the afternoon I went down two nests Blackbirds which came in nest. In the morning I heard of flying overhead but could not see near the mouth of the river.

9588 Anas obscura, ♂ ad.

Oct. 22

Clear and warm through the forenoon (this Alva Coldidge having some work to do as guide in his place). We started wind down river. On the south shore of the lower made out a Black Duck sitting on point. I made a careful stalk and up five ducks swimming and playing about. I watched them a long time hoping to get some success. I commenced our usual back procedure and at length in despair I fired at two together on the water. At the report at least a dozen rose from under the bank but the wind was blowing a gale and I missed with my second barrel. To my great disgust I found that every duck in the flock had got off but two dropped about half-way across the pond, one dead, the other wounded. The latter was ashore on the river bank and hid under the long grass of a tussock where human found her. She made no attempt to shake his grasp. Indeed he poked her with the paddle before seeing her. Returned early in the P.M.

9589 Black Duck, ♀ ad.

Mr. Simon Frost tells me that he came to Upton in 18 --. There was then only a spotted trail through the woods from Brown's in Gratton. There were two or three houses on Upton hill the lowest near where Steve came to assist in Abbott's mill and marrying Enoch's daughter (sister of Mrs. Abbott of the Umbagog house, then the only house here) built the Lake House in 18 --. At that time Moose, Bear, and other large game was abundant in the adjoining woods. He has repeatedly seen Moose or the meadows below the Lake House. Fieldmice then used to feed in the rapids below the dam. In windy weather he has seen thousands of Ducks packed in the spirit patch of ice below the dam. The Puffed Grouse were then there more numerous than they are now. Wild Geese landed the meadows, Canada Geese visited the lake in little flocks and flocks of numerous flocks, flying several miles. Ducks could be caught anywhere in the lake or river in spring and fall by hundreds. The Moon Catter only about ten years or until 1850. He attributes their disappearance to the building of Middle and Brook dams when there was frequent flooding & heavy changes. They were never plentiful for these lakes have been only killed in limited numbers for food.

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There and returning in the afternoon, saw no Moose & nothing of interest.

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1884  
Oct. 21

Lake Umbagog, Maine

Clear and warm with light south-east wind.

I went out alone this morning, starting late and paid my  
down to the mouth of the river. At the second point where I met  
Black Ducks riding at anchor in the open water as there was no  
chance to approach them I kept on landing at a small island  
opposite the haul over at the base of C. point. Keeping over the  
bank I made out several Black Ducks  
the river. Crawling around to the  
I got a favorable position out  
where I thought they would be little  
within long range - eight or ten.  
Three well together and they got  
kept on along the further shore  
yards away. I had gone up to  
a cluster of hardback bushes that  
upper end of the pond I discovered  
some came within range & I was  
usually one of them saw me and  
killing two on the water and  
is they won. Altogether I watched  
two hours.

Shortly afterwards two Black  
they were on the alert and soon  
saying that. I fired both barrels  
and reds toward & dropped in  
mid it.

In the afternoon I went down  
two Rusty Blackbirds which came  
inset. In the evening I heard a  
singing overhead but could not see  
near the mouth of the river.

9588 Anas obscura, ♂ ad.

Oct. 22 Clear and warm through the forenoon (the

Alva Colledge being here work to do  
in midday in his place. We started  
down river. On the south shore of the lake  
we made out a Black Duck sitting on  
point I made a careful stalk and  
five Ducks swimming and playing about  
watched them a long time hoping to get  
usual luck prevailed and at length I fired at two  
together on the water. At the report at least a dozen ran from under  
the bank but the wind was blowing a gale and I missed with my  
second barrel. To my great disgust I found that every Duck in  
the flock had got off but two dropped about half-way across the  
pond, one dead, the other wounded. The latter swam ashore on the  
river bank and hid under the long grass of a tussock where  
human found her. She made no attempt to shake his grasp. When  
he poked her with the paddle before being hit. Returned early in the P.M.

9589 Anas obscura, ♂ ad.

From notes taken on the spot, Oct. 19, 1884.  
I saw swamps on the right road when the  
rumps sparrows and Maryland Yellow-throats bred

In slighted basin like spring carpeted with  
wet and spongy sphagnum into which the foot  
sinks deep at every step and one which goes  
rather thickly Belium, Kobus glaucus, Phragmites,  
and Cassipouira solidula. Barley, barberry, and  
spruces (mostly G. alba) scattered about in clumps  
or singly at rather wide intervals. Staphis and  
spruces shrub and tuffery, all thin but hung  
with a waxy black species of Hemlock which goes  
thin a very dreary aspect. The larches in  
hizet of their autumnal coloring a fine

Oct. 24, 1884. Had a long talk to-day with Joseph Stone brother of

Gideon and Levi Stone. He was born at Umbagog and lived for thirty  
years or more on Metalluc Point near the Narrows. Moose, Beavers, and  
Deer were abundant then. He used to hunt Moose with Metalluc a pure  
blooded Indian of the St. Francis tribe, and the only Indian known to  
have actually settled on the Lake which, however, was frequently resort-  
ed to by others of the tribe for hunting and fishing. A few Oldtown  
Indians also used to visit its waters, walking the entire distance from  
Oldtown, building canoes of spruce bark, spending a season in them on  
the Lake and the Megalloway and then turning them adrift. Caribou were  
found by the hunters as early as 1835. They were not abundant. The  
chief hunting ground for them was on the Mt. Observatory near Asiscokos Mt.

Wild Geese came in spring and fall in immense numbers spending  
several weeks but never remaining, as usual. They used regularly to  
spend the day "bedded" in the North Arm, visiting the south part of the  
Lake at twilight to feed through the night and flying back to bed sun-  
rise next morning.

Fieldfare, Whistlers, Morgancers and other Ducks came in thousands.  
He has seen ten acres of solid masses of Ducks. Black Ducks were less  
numerous. He rarely used to see over 300 to 400 at a time. A favorite  
feeding ground of both Geese and Ducks was about Great Island.

Mr. Simeon Frost tells me that he came to Upton in 18 --. There  
was then only a spotted trail through the woods from Brown's in Grafton.  
There were two or three houses on Upton hill the lowest near where Steve  
Morse now lives. He came to assist in Abbott's mill and marrying Enoch

There and returning in the afternoon, saw no Grouse & nothing of interest.



1884  
Oct. 21

1888  
Oct. 22

9589. release duck, 2  
and observe, 8 ad.

2.

Abbott's daughter (sister of Wm. Abbott of the Umbagog House, then the only house here) built the Lake House in 18 --. At that time Moose, Bears, Deer and other large game was abundant in the adjoining woods. He has repeatedly seen Moose on the meadows below the Lake House. Sheldrake then used to fish in the rapids below the dam. In windy weather he has seen thousands of Ducks packed in the first stretch of <sup>river</sup> below the elm tree. Ruffed Grouse were ten times more numerous than they are now. Wild Pigeons darkened the heavens. Canada Geese visited the Lake in both spring and fall in immense flocks, staying several weeks. Trout could be caught anywhere in the Lake or river in spring and fall by hundreds.

The Moose lasted only about ten years or until 1850. He attributes their disappearance to the building of Middle and Errol Dams when there was frequent blasting of heavy charges. They were never slaughtered for their hides here, being only killed in limited numbers for food.

Peaslee tells me that Pinus banksiana and Quercus rubra are both strictly confined in this region to the shores of Lake Umbagog, never being found more than a few rods away from the water. Pinus banksiana is said also to occur on the shores of Richardson Lake as well as about those of B. Pond. (Upton, Oct. 26th, 1884)

then and returning in the afternoon. Saw no Grouse & nothing of interest.

Oct. 21

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4588

64, 22

9558. 12 black Duck, 2  
Anas boschas, 8 ad.

1884

2.3

7590

9594

9572

Lake Umbagog, N.

*Glaucionetta c. americana*, ♂ juv. Iris brownish-yellow. With four others one of which I shot & found B. americanus

4 americana ♂ ad 4 " " " Alone - sitting on a rock.

Podiceps cornutus, 1 ad. His tail with a narrow circle of white, up the breast.  
Cooler with alternate clouds and sunshine. A cold day on the lake  
the wind at times blowing a gale with heavy showers.

Started with Bremer immediately after breakfast. While waiting for him at the boat landing I heard a yellow leg whistle and assuming soon called him down. He alighted on the flats near the house where I shot him.

He found no birds along the river ever in August ever but on the west shore just a car was rounding a point a Whistler started from a rock when he had been sitting in the sun, I had an easy flying shot and killed him stone dead.

A little further on we spied a Horned Grebe walking out from the shore into the lake. He paddled out after him and after a few dives he came up within long range & I bagged him. He sat high in the water and looked very white.

The remainder of the day was spent in the cor blind. Great Island. He saw about forty Black Ducks many of them feathered birds but failed to get a shot at any of them.

When the head of the cove we found a flock of five Whistlers. I saw them drop down by me as I lay on a point and I brought one down at very long range breaking the top of its wing. It dove so adroitly that it escaped in the rough water but later we found it again near the head of the cove. While in pursuit of it the other four returned and alighted. We cornered them and they flew out past us giving me a capital sight & left. Both of my birds went on apparently reluctant but one dropped dead after flying a hundred or more yards. It proved a pair of *B. islandica*.

The wounded duck shortly afterwards, down a little thread of us disappeared. We suspected it had gone ashore and upon searching closely Dureau found it crouched under a log at least six feet from the water. It made no attempt to escape.

He saw three Eagles, two of them alighting in the top of a tall white pine after hunting, perhaps to roost.

I heard two Pine Grosbeaks and a flock of Redpolls.

Philip flushed a Woodcock in Alva's pasture.

We ran back across the lake at sunset before a strong north-west wind reaching the house shortly after dark.

Whistlers, 3; Horned Grebe, 1; Greater Yellow-leg, 1.

ix, 24

95-98.

95-96

95-96

7576

Perisoreus canadensis, ♂ Opening among pastures & spines. Held a grasshopper in its bill.  
Perisoreus maniculatus, ♂ ad. } Feeding together on the ground in the (near Fort St. Vrain)  
" " } pond where it passed through some alders. About  
" " } 1/2 miles west of Andover. There were only three there  
Chas. cold and windy.

Started at nine o'clock with Luman and drove to Andover, taking dinner there and returning in the afternoon. Saw no Grouse & nothing of interest.

95-97

*Sturnia ~~ulula~~ ludsoniana*, ♂ His golden-yellow. Shot by Alva Coolidge near the shore of B. Pond. It was sitting on the end of a fallen balsam, about six feet above the ground in the woods. It was silent and tame allowing him to approach within thirty yards. <sup>(*S. ludsoniana* ~~ludsoniana~~)</sup> The flesh by Coolidge. Stomach contained several <sup>(*S. ludsoniana* ~~ludsoniana~~)</sup> mealworms. The bird was thin.

Cloudy with high west wind. Rained heavily all the afternoon. Starting at about nine o'clock Surman and I paddled down the river. At the floating island opposite the stone farm we flushed a flock of eight Black Ducks which were very wild. We set four snipe traps and landed on R. point to eat lunch. While breakfasting a pair of mallards and a flock of about twenty Black Ducks, slight in plumage, came and swam ashore. Crossing we landed behind the pond and I made a careful stalk, getting nearly within fifty yards. I crept on fire or hip directly through the grass & whistled to make them raise their heads. Only one seemed to hear me and I had to shoot. So my meat is just all but one went off and he dove and escaped into the grass where we failed to find him.

The eating lunch on board (for home in a driving snow storm).  
In the way we pushed the boat into the grass near the mouth  
of the brook on the south shore and were lucky enough to strike  
the four black trucks which were within twenty yards. I hoisted  
one with each barrel, killing both dead.

Early in the morning as we paddled down river I heard the unmistakable jirring cry of a flicker and looking up saw three *Colaptes borealis* flying together like blackbirds. They were heading south & are doubtless migrating.

Black Ducks - 2.

C. J. 26

9578.	<u>Pipera maculata</u> , Gmel	♂ ad
9598.	" "	♂ "
9600.	<u>Picus villosus</u> , Gmel	
9601.	<u>Prionus cancellus</u> , ♂	
9602.	" "	♀
9603	" "	♀

Clear and a beautiful day with moderate west wind.  
In the forenoon I took a walk along the Storer for the going  
is far as the farm and partly around it. I have not been  
there before for many years and found the woods much  
changed by the ravages of the lumbermen. Saw a single grouse which  
I flushed twice but did not get a shot at.

Oct. 27.

## 9604

9600-

9605.

*Piprida innulator*, ♀ Mixed beach & open woods near River. Holtz fin. 1893  
*Picus villosus*, ♂ " " " " " "  
*Geothlypis trichas*, ♂ Black Island Cove, above. SOME EXT. TO DIST. DOC. MAY, 1897.

Clear in the early morning, clouding up at noon. Afternoon rainy.  
The lake was almost perfectly still all day.

Starting early we paddled down to the mouth of the river seeing only a pair of mink tracks and a sheldrake which looked to me very like a *Mergus serrator*. In the Great Island we saw another in the water. It looked much blacker and when in pairs towards it swam directly out into the boat warning us to get away by within shot, & was nearly possible this was a young *M. serrator*.

In Black Island cove we found a Black Duck, a Whistler, and a Ruddy Duck. The two former went off wild but the latter being too tame shot in easy, fall & within range & shot when, seeing a single rose and alight in the grass we waited for the other when two Hooded Mergansers flew across the cove, alighting on a stub for a moment & then disappearing in the woods. I saw three distinctly and am nearly positive they were Hairy Woodpeckers as I made out the white on the back. We followed but could not find them. Retreating I flushed & shot the Hens.

Most of the afternoon was spent in the Tyler Cove where we saw one Black Duck and a Heron *ardea herodias* - nothing else. Landing near Browns I shot the hairy Woodcock & several more catalogued. Also shot a *Parus hudsonicus* in a flock of *P. atricapillus*. While pursuing it a Barred Owl started near me and flew into a minor cluster of firs.

Returning to the Cambridge River we paddled into the grass near the mouth of the brook & flushed a Black Duck which gave me a long cross shot which I missed. Reached the house at dark.

Oct. 28

9607

9608

9608

Perisoreus canadensis, ♂?

100

Clear and still, the only perfect day I have seen here.  
Up on the hill on the Abbott farm after breakfast with a Woodcock  
and the Ravens. Many mead birds flying about in the still air.

Returning at 10 A. M. we started for a river. At the mouth of the South brook I stalked a flock of about twenty Black Ducks, getting within fifty yards. Shot both barrels & dropped two with my first shot, then was winged back & gave us a lovely show. The other flew about forty yards & dropped dead. After lunch we went to the head of the Great Corn where we found about thirty Black Ducks & a Whistler. Two Ducks came in at long range but I missed both. King Black Ducks, 2; Woodcock 1.

1884  
Oct. 30

Lake Umbagog, Maine.

9610.  
9611.

*Anas obscura*, 4 ad. Fully grown, 8 juv. Skinned & dissected but the specimen lost by careless handling, rough and with cloudy all day with foggy gusts & mos. very chilly & cold. Tramped over the Abbott farm after breakfast seeing nothing but a Robin and a few juncos.

At ten o'clock we started down river. Near the mouth of the South brook we pushed the boat well into the grass where a single Black Duck was at a long range. Shot both barrels at him bringing him down with the second.

Opposite the Brown farm (North shore) was a Scaup Duck & pushing the boat paddled to him. I shot & he down quickly appearing & starting to fly. Shot him down as he again dove. Field for shots in all before killing him. He seemed to be a very typical *Anas*.

While eating lunch 1/2 Geese appeared high overhead hawking most audaciously. They circled over the meadow several times & once set their wings as if about to alight but finally passed on.

He kept tried Sargent's corn seeing nothing but his childlike on a very small one, evidently *M. serrator* flying.

Returning, paddled in at the bar of S. Point where two Black Ducks were from a bunch of grass, within fifteen yards but unloading exactly behind the boat on the right so that I found it impossible to even shoot at them.

He saw during the day a flock of about thirty Black Ducks flying due south at least a thousand feet high, a bunch of five *Thalassidroma* whirling about high up, a small *Parus* - which I saw here was *P. pennsylvanicus* - which alighted on a spruce near Parker's brook, and at sunset, a flock of about fifteen Rusty Blackbirds which came in from the north & alighted in the marsh immediately for the night.

Just at dusk as we were paddling through some rank grass a *Colinus* Rail started & swam across in opening to a tussock where I shot it.

Bay, Black Duck, 1; Scaup Duck, 1; Rail, 1.

Oct. 31

9612.  
9613

*Turdus virens*, 4 ad. His pale yellow. Stomach filled with rice. Nopt. North bank of B. brook, shot & preserved in alcohol by H. Sargent.

*Argus serrator*, 8 juv. His brownish-yellow; legs & feet dull coral. Throat cream-colored with minnows. Cloudy all day with chill east wind. Starting at 9 A.M. we paddled down river. In the lower pond were two *Argus serrator*. He landed & brushed the boat but when we started for them they were gone. Continuing on we found three more opposite Great Island & paddled within good range. I shot at two together on the water but killed only one stopping the other as he rose the third bird getting away. The wounded one gave us a long chase but I finally killed him.

This was the only shot I got during the day. We spent the afternoon in Great Island hunting for *Argus serrator* and three Black Ducks accompanied by a single Mallard. We also heard a *Hypobornus*.

In the morning I saw a *Spizella socialis* on the hill with a few Sparrows. Identification positive. Bay, Black Duck, 1.

1884  
Nov. 1

9614.

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H. S. SARGENT

Lake Umbagog, Maine.

*Parus hudsonicus*, 4. In a young spruce in pasture behind house. He was feeding all day with great success. I walked. Spent the forenoon on the river & better going evenly to Great Island. He searched the meadows closely without seeing a single duck. Off the Brown farm however, we discovered a bird well in the water. Upon calling towards him and mentioning him through the trees I soon made him out to be a red-necked Grebe. One boat was broken and we got within thirty yards when just as I put up my gun to shoot he dove rising far to windward and immediately flying made off up the bank and disappeared around B. Point. As he was approaching him he made several long dives remaining under water a long time and bringing a long distance. He called rather high on the water and his call was rather straight like a *Parus*. I could see distinctly that he was a young bird in winter plumage. He rose clumsily splashing along for some distance before clearing the surface.

One once returned I landed at the Stone farm and walked home through the woods which were silent as the grave. In the opening however was a little company of Titmice and a Horned Lark.

Saw a Raven on the south shore near the brook. It was flying over the woods and

Nov. 2

Clear and cold with high north-west wind. Spent the forenoon packing for my return. At 2 P.M. started for Portland, which we reached at exactly 7 o'clock. The scenery has undergone a radical change since my last visit to it. The deciduous woods are now entirely leafless and the tops of the maples, birches, and beeches have assumed that fine hoary-gray tint which they will bear all winter. They are scarcely less beautiful now than when covered with foliage, looking like wreaths of delicate tentacles among the dark evergreen balsams and spruces. In the North the mountains to their bases were covered with snow. Near their summits the ledges and other bare places are glistening white while the spruces were powdered like old parchment. In the middle of the North the point by the roadside was mostly covered with snow and the horse's feet crunched in a frozen shell. It was bitterly cold and birds very scarce. I saw only a few Robins, some juncos, the sparrows, and an occasional Song Sparrow.

Clear, still and warm; a fine Indian summer day. Took the 9 A. M. train for River Beach getting off at Oak Island, walking to Point of Pines taking return train at 11 A. M. to Oak Island and thence walking to Crescent Beach. Saw six C. princeps, five of them between Atlantic and Point of Pines, the fifth on the Point. Saw only two P. savanna. Shot two Titmunks at a sand bank near Crescent Beach. Took the 3 P. M. train for Boston.

9624.	<u>Psaltriparus princeps</u> , ♂	} Sand. hills at mouth of Spruce River, about twelve seen and nine shot (five by M.A. Fraser). They were tamer and less retiring than usual nest of these birds. killed sitting. The flushed five in one spot, there is another.
9625.	" " ♂	
9626.	(L.S.M. Henderson) " ♂	
9627.	" " ♀	
9628.	<u>Petrochelidon lunifrons</u> , ♂	} Grassy hills at mouth of Spruce River on Spruce Mts. About twenty five seen. They associated freely with Snow Buntings & also occurred singly or in twos and threes. See library card for more extended notes.
9629.	" " ♂	
9630.	" " ♂	
9631.	" " ♂	
9632.	" " ♂	} Grassy hills of Spruce Mts. Several thousand seen during the day. For more extended notes see library card.
9633.	" " ♂	
9634.	" " ♂	
9635.	" " ♂	
9636.	" " ♂	} Grassy slopes of Spruce Mts, associating chiefly with myriads of Snow Buntings. Less than forty were seen in all. They were much tamer than the Snow Buntings. The specimens skinned?
9637.	" " ♂	
9638.	" " ♂	
9639.	" " ♂	
9640.	<u>Corvus alpestris</u> , ♂	} Grassy slopes of Spruce Mts, associating chiefly with myriads of Snow Buntings. Less than forty were seen in all. They were much tamer than the Snow Buntings. The specimens skinned?
9641.	" " ♂	
9642.	" " ♂	
9643.	" " ♂	
9644.	" " ♂	
9645.	" " ♂	

Clear with moderate west wind. Very mild for the season. The first work "Indian Summer"  
With Frazee took the P. O. U. train to Ipswich where we hired a boat of Stone  
and pulling down to the mouth of the river spent the forenoon on the "neck"  
the afternoon on the Sand Hills. All notes of interest are recorded on library cards

7657.	<u>Gemma</u> , 'a' <u>ulvestris</u> ,	♂
7658.	"	♀
7659.	"	♂
7660.	"	♂
7661.	"	♂
7662.	"	♂
7663.	"	♂
7664.	"	♂
7665.	"	♂
7666.	"	♀
7667.	"	♀

Come still, and very warm.  
 Taking the A. & M. train from Boston with Farnes I spent the day at the  
 mouth of Spruce River returning to the city by the C. & D. train in the evening.  
 As round to the mouth of the river without having anything by the way  
 save a few round boulders, a glacier, and scattering Herring Gulls, banding  
 at the sand hills we beat the ground carefully for Herring Gulls finding  
 in very quickly near the landing place and killing all of them.  
 The rest of the ground proved barren of these birds but hundreds of  
 Snow Buntings and a few Horned Larks were continuously wheeling about  
 skimming over now and then alighting on the sand dunes or along the  
 beach where they apparently found a rich feeding ground on the wet  
 sands left by the receding tide. He immediately began shooting them  
 and I killed near nearly all the Horned Larks about 100 and a great  
 deal as near Snow Buntings.

On our sailing vessel, we crossed the river and landed on the bank in the expectation of finding clouds of birds on the hills where we saw so many on the 18<sup>th</sup>. To our surprise there were practically none at least some on the ground although large flocks were continually passing overhead all morning north and nearly all morning on west end of night. After ranging about over all the ground, being perhaps a less successful flying and shooting as legallites semipalmatus (a wounded bird with a broken leg) on the beach, I returned to a spring where I saw one hovering bird shooting at Snow Buntings coming in to drink & in an hour's time paid over twenty or thirty shots, all at single birds flying



1884.  
Nov. 13.

Hilton, Oxford County, Maine.

9665. *Sturnia ulula hudsonica* ♂ } Indes limbo yellow, stom. arches crumpled with rice.  
9669. " " ♀ } apparently *Hesperomys leucopus*, he good flesh but with no  
fat on the skin.  
9670. *Hylocichla ustulata* ♂ GONE IN EXCH. TO POST. SOC. NAT. HIST.  
9671. " " ♂  
9672. " " ♂  
9673. " " ♀ GONE IN EXCH. TO POST. SOC. NAT. HIST.  
9674. *Perisoreus canadensis* ♂  
9675. " " ♀ GONE IN EXCH. TO POST. SOC. NAT. HIST.  
9676. *Perisoreus villosus* ♂ juv. With very little red on cap, GONE IN EXCH. TO POST. SOC. NAT. HIST.

The above specimens were collected by Brunen Sargent and sent to me in the flesh. They arrived in perfectly fresh condition, Nov. 20<sup>th</sup>. He must have sent them by the express (stage) which left Hilton Tuesday morning Nov. 18<sup>th</sup>; hence they must have been shot during the few days preceding that date - say between the 14<sup>th</sup> and 17<sup>th</sup>. I paid him 1/ each for the Owls, 25¢ each for *Hylocichla* and *Perisoreus* and nothing for the Pies.

Dec. 27.

Middlebury Co., Massachusetts.  
Waterbury.

9677. *Certhia familiaris* ♂  
9678. " " ♂  
9679. *Sitta carolinensis* ♂  
9680. *Perisoreus pubescens* ♂  
9681. *Regulus satrapa* ♂  
9682. " " ♀  
9683. *Parus atricapillus* ♀  
9684. " " ♂

Clear and very warm - like an April day with the snow melting everywhere and water running merrily. Ther. about 50°.

Off in the forenoon sticking into the Osage woods and working homeward over the land's farm. Saw two flocks of Chickadees one comprising at least fifteen individuals and accompanied by a pair of *Perisoreus pubescens*, a *Certhia*, and a *Sitta carolinensis*. Near, but apart, were the two *Regulus* catalogued above. During the forenoon I twice heard *Chrysomitris tristis* flying overhead.

The winter so far, with the exception of a few days of intense cold, has been very mild. As in most mild winters here birds have been very scarce. Indeed since the close of the migration in late November I have neither seen nor heard of, anything of interest. There are apparently no irregular winter visitors (such as *Regulus*, *Parus*) at all.

*Perisoreus villosus* exceptionally abundant though *Perisoreus* has not been reported from this vicinity this present month.

1884.  
Dec. 31.

Middlebury Co., Massachusetts.  
Belmont.

9685. *Perisoreus hudsonicus* ♂ With *Parus atricapillus* and *Regulus satrapa* in dense woods of red cedar and *Pinus rigida*, the only *P. hudsonicus* in the flock which comprised about twenty birds. I was first attracted by its characteristic chip, chee-dee, dee.  
9686. *Parus atricapillus* ♀  
9687. " " ♀  
9688. " " ♂ GONE IN EXCH. TO POST. SOC. NAT. HIST.  
9689. " " ♀ GONE IN EXCH. TO POST. SOC. NAT. HIST.  
9690. *Regulus satrapa* ♂  
9691. *Junco hiemalis* ♂  
9692. " " ♂ ad  
9693. " " ♀ GONE IN EXCH. TO POST. SOC. NAT. HIST.  
9694. *Spinella monticola* ♂  
9695. " " ♀

Cloudy and very warm. The snow all over, the roads muddy, the field water soaked. In the forenoon driving to the cedar and yellow pine woods on Prospect St. near Arlington Heights and spending the morning there.

These woods were alive with birds. I first met a flock of *Junco* comprising about a dozen individuals, and shot the three nearest about which came to me very large and dark. Next I came upon two *Tree Sparrows* and shot them both. Finally in the elm and oak swamp at the further end of the woods I struck the flock of *Perisoreus*, a large one containing at least *Parus atricapillus*, *Regulus satrapa*, and a *Certhia*. I had followed them some distance and shot several of the *Chickadees* and common *Chickadees* before I noticed the *P. hudsonicus*. Finally, however, the *Chickadee* became excited over something and began to scold de de de when instantly I heard the unmistakable chip, chee-dee, dee of the *hudsonicus*. It was several minutes more before I caught sight of him but at length he alighted on the ground within a few yards of me and came directly flew up again into the trees above where he was clinging head downward at the end of a pine branch when I shot him.

In two different places in these woods I found droppings of the *Redpoll*. In one on the top of an old wall there were fifteen or twenty fresh excrements, in the other about an equal number under the branches of a cedar where the bird had probably perched for a night.

In an old apple orchard I examined several promising looking holes for *Scops*. I found no birds but under one of the holes there were up or eight fresh pellets composed as usual of the fine and bones of mice, one pellet containing a complete skull of what I take to be *Hesperomys*.

Passing Fresh Pond on the way home I saw about fifty *Herring Gulls* hovering on the ice at the edge of a large opening where a few otters were peeling about over other parts of the pond. What they come here for this season is not clear. They can hardly get any kind of food in any quantity but they may winter in small or small water.

Heard *Colaptes auratus* flying over Belmont.

1884.

## Wayne Collection

South Carolina  
Near Charleston - Coll. Arthur T. Wayne.

Colls. no.

9676.	<i>Helinaia swainsoni</i> , ♀ ad.	May 10 -	E. d. 3. 11. 3. 11. 3.	137
9697.	" " ♂ " "	" 22.	" " " " " "	170
9698.	" " ♂ " "	June 11	" " " " " "	230
9699.	" " ♂ " "	" 11	" " " " " "	231
9700.	" " ♂ juv.	" 9 - First plumage	" " " " " "	224
9701.	" " ♂ " "	" 9 - " " "	" " " " " "	125
9702.	" " ♀ " "	" 12 - " " "	" " " " " "	235
9703.	" " ♂ ad.	" 13	" " " " " "	237
9704.	" " ♂ " "	" 19	" " " " " "	252
9705.	" " ♂ juv.	" 21 - Inter first & full plumage	" " " " " "	253
9706.	" " ♂ " "	" 21 - " " "	" " " " " "	257
9707.	" " ♂ ad.	July 4 -	" " " " " "	276
9708.	" " ♂ juv.	" 13 - Full plumage	" " " " " "	298
9709.	" " ♂ " "	Aug. 16 - " " "	" " " " " "	338
9710.	" " ♀ " "	" 18 " " "	" " " " " "	338
9711.	" " ♂ " "	" 18 " " "	" " " " " "	339
9712.	" " ♂ " "	" 18 " " "	" " " " " "	340
9713.	" " ♂ ad.	" 20 " " "	" " " " " "	344
9714.	" " ♂ juv.	" 20 " " "	" " " " " "	343
9715.	" " ♂ " "	" 25 " " "	" " " " " "	354
9716.	" " ♂ " "	Sept. 25 " " "	" " " " " "	391
9717.	<i>Anorthura hiemalis</i> , ♂ Dec. 8.			478
9718.	" " ♂ " 17 - Mt. Pleasant.			412
9719.	<i>Sitta pusilla</i> , ♂ Nov. 25			460
9720.	" " ♂ " 25			461
9721.	<i>Helminthophila celata</i> "obscura", ♂ juv. Nov. 27.	Tall pl. probably really ♀, Sullivan's Island.		462
9722.	" " ♂ " Dec. 15.	" " Hobcaw Point.		485
9723.	" " ♂ ad. " 16	" " " "		484
9724.	<i>Dendroica palmarum</i> , ♀, Oct. 8	Mt. Pleasant.		400
9725.	<i>Dendroica discolor</i> , ♂ Sept. 25			394
9726.	<i>Dendroica dominica</i> , ♂ juv. Sept. 18.	Tall plumage		379
9727.	" " ♂ " 23	" " "		390
9728.	" " ♂ " Oct. 11	" " "		406
9729.	" " ♂ " Nov. 11	" " Mt. Pleasant	(H. M. M. G. G. G.)	451
9730.	" " ♂ ad. Dec. 8	" " "		476
9731.	" " ♂ " 15	" " Mt. Pleasant.		486
9732.	" " ♀ " 17	" " " "		470
9733.	<i>Oporornis formosa</i> , ♂ juv. Aug. 20	" " "		395
9734.	" " ♂ ad. " 27	" " "		361
9735.	<i>Photomotia citrea</i> , ♂ juv. June 23	First plumage Barlow Swamp		265
9736.	<i>Vireo solitarius</i> , ♀ Dec. 10.			479
9737.	<i>Pyrranga aestiva</i> , ♂ ad. Sept. 5.	Full plumage		369
9738.	<i>Colinus ludovicianus</i> , ♂ ad. April 3.		(H. M. M. G. G.)	43
9739.	<i>Antrostomus carolinensis</i> , ♂ ad. April 16 -	Hobcaw Point		58
9740.	" " ♀ juv. Aug. 25	" " "		357
9741.	<i>Chaetura pelagica</i> , ♂ ad. May 24 -	(Mt. Pleasant)		111
9742.	<i>Ammodramus caudatus nelsoni</i> , ♂ juv. Oct 8 -	" " " " " "		398
9743.	<i>Cyanospiza ciris</i> , ♂ ad. Sept. 23.	Full plumage		387
9744.	" " ♂ juv. Oct. 13	" " "		409

1884.

## Wayne Collection

South Carolina  
Near Charleston - Coll. Arthur T. Wayne.

Colls. no.

9745.	<i>Picus aestivalis bachmani</i> , ♂ ad. March 20		23
9746.	" " ♂ " April 5		46
9747.	" " ♂ " " 5		47
9748.	" " ♂ " " 16	(in exchange to National Museum)	60
9749.	" " ♂ " " 12	(in exchange to N. M. Museum)	59
9750.	" " ♂ " " 26 (Sakley)		79
9751.	" " ♂ " " 28		82
9752.	" " ♂ " " 28		94
9753.	" " ♂ " " 28		90
9754.	" " ♂ " " 29	" " With coarse spots on breast (typical)	111
9755.	" " ♂ " " 29	" " (with spotted breast)	102
9756.	" " ♂ " " 29	" " "	110
9757.	" " ♂ " May 1		108
9758.	" " ♂ " " 1	(in exchange to National Museum)	107
9759.	" " ♂ " " 1		106
9760.	" " ♂ " " 2 (Skin made by M. B.)		—
9761.	" " ♂ juv. June 7 - First plumage		218
9762.	" " ♂ " " 18 - " "		281
9763.	" " ♂ " July 12 " "		292
9764.	" " ♂ " " 12 " "		291
9765.	" " ♂ ad. " 12 Full plumage.		293
9766.	" " ♀ juv. Oct. 11 " "		402
9768.	<i>Passerella iliaca</i> , ♂ Dec. 3		467
9769.	<i>Pipilo erythrophthalmus alleni</i> , ♀ July 15		301
9770.	<i>Cardinalis virginianus</i> , ♂ ad. Dec. 15 -	Mt. Pleasant	483
9771.	<i>Gyracaca carulea</i> , ♂ juv. May 4 -	Hobcaw Point	115
9772.	<i>Spizella socialis</i> , ♀ ad. Dec. 17	(Mt. Pleasant)	490
9773.	" " ♀ " " 3	(In exchange by collector as "B")	468
9774.	<i>Centurus carolinus</i> , ♂ " April 7	Hobcaw Point	46
9775.	" " ♀ juv. Dec. 8		469
9776.	<i>Picus borealis</i> , ♂ ad. } Sakley I. C. Parents of lot of eggs numbered A/3	(in exchange to National Museum)	80
9777.	" " ♀ " }		81
9778.	" " ♂ juv. first pl. July 12.		288
9779.	<i>Cyanospiza cyanea</i> , ♂ ad. May 2	Skin made by M. B. (See note to Sullivan's Island & females)	—
9780.	" " ♂ im. " " " " " "		—
9781.	" " ♂ " " " " " "		—
9782.	<i>Picus aestivalis bachmani</i> , ♂ ad. Apr. 2	" " " " " "	—
9783.	" " ♂ " " 2 " " " "		—

## Miscellaneous Localities.

In exchange from H. W. Henshaw - Collector H. W. Henshaw

9784. *Turdus pallasi auduboni*, ♂ ad. Santa Fe Mountains, New Mexico (Pecos River) Sept. 13, 1883.  
 9785. " " ♀ juv. first pl. " " " " " " Aug. 17, "  
 9786. *Parus montanus* " " " " " " " " " " Oct. 21, "  
 9787. *Helmithophila celata*, - juv. first pl. " " " " " " " " Aug. 14, "  
 9788. *Dendroica auduboni*, ♀ " first pl. " " " " " " " " July 27, "  
 9789. " " ♀ " fall " " " " " " " " Sept. 2, "  
 9790. " " *graciat*, ♀ " " " " " " " " " " 27 "  
 9791. " " *townsendi*, ♂ " " " " " " " " " " Sept. 24, 1874.  
 9792. *Geothlypis macjillirayi*, ♂ ad. Colorado Springs, Colorado, May 29, 1883.  
 9793. *Chrysomitris palmarum arizonae*, ♂ ad. Colorado Springs, Colorado, July 13, 1883.  
 9794. " " " " ♀ " " " " " " " " " " "  
 9795. *Junco oregonus*, ♂ ad Santa Fe Mts., New Mexico, Oct. 13, 1883. " " " " "  
 9796. " " ♀ " " " " " " " " " " "  
 9797. " " ♀ " " " " " " " " " " "  
 9798. " " ♀ " " " " " " " " " " "  
 9799. " " *caniceps* ♂ juv. " " " " " " " " " " "  
 9800. " " ♂ juv. " " " " " " " " " " "  
 9801. *Pooecetes belli nevadensis*, ♂ ad. Gila River, Arizona, Oct. 16, 1873.  
 9802. " " ♀ " Carson, Nevada, Nov. 10, 1883.  
 9803. *Spizella socialis arizonae*, ♂ juv. first pl. Santa Fe Mts. New Mexico, Sept. 2, 1883.  
 9804. *Pipilo chlorura*, ♂ juv. first pl. Pecos Mts. California, Aug. 1, 1873. " " " " " " 771-72369 "  
 9805. *Amphispiza bilineata*, - Hermit Valley, California, Sept. 6, 1879 (Coll. F. Belding).  
 9806. *Myiarchus cinerascens* - juv. first pl. - California - Coll. F. Belding.  
 9807. *Contopus richardsoni*, - Gila River, Arizona, Sept. 15, 1873.  
 9808. *Empidonax difficilis*, ♀ ad. Rio Grande, Colorado, June 14, 1873. " " " " " " 342  
 9809. *Stellicola calliope*, ♂ ad. Santa Fe Mts (Pecos River) New Mexico, July 25, 1883.  
 9810. *Setophorus rufus*, ♂ " " " " " " " " " " "  
 9811. " " ♂ juv. " " " " " " " " " " "  
 9812. " " *platycercus*, ♂ ad " " " " " " " " " " "  
 9813. " " ♀ " " " " " " " " " " "  
 9814. " " ♀ " " " " " " " " " " "  
 9815. " " ♀ " " " " " " " " " " "  
 9816. *Eremophila alpestris leucoloma*, ♀ Carson, Nevada, Nov. 15, 1883.  
 9817. " " *arenicola*, ♂ ad. " " " " " " " " " " "  
 9818. *Picoides americanus dorsalis*, ♂ Santa Fe Mts., New Mexico, Sept. 13, 1883.  
 9819. " " ♀ " " " " " " " " " " "  
 9820. *Pinus pubescens gairdneri*, ♂ Santa Fe Mts., New Mexico, Oct. 10, 1883.  
 9821. *Sphyrapicus thyroideus*, ♂ juv. " " " " " " " " " " "  
 9822. " " ♂ " " " " " " " " " " "  
 9823. " " ♀ " " " " " " " " " " "  
 9824. " " *varius nuchalis*, ♂ juv. fall pl. Gila Co., Arizona, Oct. 27, 1882 [26]  
 9825. " " ♂ " " " " " " " " " " "  
 9826. *Colaptes auratus mexicanus*, ♀ " " " " " " " " " " "  
 9827. *Cyanocitta stelleri macrolopha*, ♂ ad. Colorado Springs, Colorado, June 18, 1877.  
 9828. *Gymnocitta cyanocephala*, ♀ juv. first pl. " " " " " " " " "  
 9829. *Petrochelidon lunifrons*, ♂ ad " " " " " " " " "  
 9830. *Icthyophaga cyanocephala*, ♂ Carson, Nevada, Nov. 16, "  
 9831. *Monticola montana*, ♂ Carson, Nevada, Nov. 3, 1883.  
 9832. *Aegialitis montana*, ♂ juv. - Colorado Springs, Colorado, June 22, 1883.  
 9833. " " ♀ " " " " " " " " " " "  
 9834. " " ♀ " " " " " " " " " " "

## Henshaw Collection

1884.

New Brunswick and Labrador - Collector M. Campbelltown, New Brunswick.

9834. *Parus stricaphius*, ♂ ad. April 28  
 9835. " " ♀ " " "  
 9836. " " *hendersoni*, ♂ " " 24.  
 9837. " " ♀ " " "  
 9838. *Sitta canadensis*, ♂ " " 19  
 9839. *Pinus villosus*, ♂ ad. April 24  
 9840. *Hysteronotus pilatus*, ♂ ad. April 14  
 9841. *Bonasa* " ♂ ad. " 26  
 9842. " " ♀ " " 26  
 9843. *Perisoreus canadensis*, ♂ ad. " 2;

Betchaine, Labrador.

9844. *Zonotrichia leucophrys*, ♂ ad. May 23  
 9845. *Picoides arcticus*, ♂ juv. Sept. 4.  
 9846. *Perisoreus canadensis nigricapillus*, ♀ juv. Aug. 29  
 9847. " " ♂ " " 30  
 9848. " " ♂ " " 30  
 9849. " " ♀ ad. " 30  
 9850. " " ♀ " " 30  
 9851. " " ♀ " Sept. 1  
 9852. " " ♀ juv. " 1  
 9853. " " ♂ ad. " 3  
 9854. " " ♀ " " 3  
 9855. " " ♂ juv. " 4  
 9856. " " ♂ " " 4  
 9857. " " ♀ " " 7  
 9858. *Pandion haliaetus carolinensis*, ♂ ad. May 21.  
 9859. *Somateria mollissima*, ♀ ad. May 29. "Migrating"  
 9860. *Colymbus torquatus*, ♀ ad., May 27.

Cape Wattle, Labrador.

9861. *Aegialitis semipalmata*, ♂ ad. June 17  
 9862. *Larus marinus*, ♂ ad. July 26  
 9863. " " ♀ " " 12  
 9864. " " ♀ chick June 26.  
 9865. " " ♂ juv. July 26  
 9866. *Sterna caspia*, ♀ ad. June 26  
 9867. *Phalacrocorax carbo*, ♂ ad. July 20.  
 9868. *Colymbus septentrionalis*, ♂ ad. June 26  
 9869. *Uria lomvia*, ♂ ad. June 24. Taken with lot of two eggs.  
 9870. " " *griffithi*, ♂ ad. " 24.  
 9871. *Colymbus septentrionalis*, ♀ ad. July 12.  
 9872. *Alca torda*, ♀ chick, July 30.

Nicasio, Marin Co., California; Collector C. A. Allen.

9873.	<i>Turdus naevius</i> ,	♀ ad.	Feb. 5 - 1884.	GOOSE IN EXCH. TO Prof. S. S. Henshaw
9874.	" "	♀ "	" 25 - "	
9875.	" <i>palmeri</i> nanus,	♂ "	Jan'y 7 - "	
9876.	" "	♀ "	" 8 - "	
9877.	" "	♀ "	" 10 - "	
9878.	" "	♂ "	" 14 - "	
9879.	<i>Thryothorus bewicki</i> <i>spilurus</i>	♂ "	Dec. 28 - 1883.	
9880.	" "	♀ "	March 14 - 1884.	
9881.	<i>Chamaea fasciata</i>	♀ "	April 9 - "	
9882.	" "	♀ "	Dec. 29 - 1883	GOOSE IN EXCH. TO
9883.	<i>Eremophila alpestris rubens</i> ,	♂ "	April 8 - 1884	
9884.	" "	♀ "	" 8 - "	♀ ad. to S. S. Henshaw
9885.	<i>Junco oregonus</i> ,	♂ "	Feb. 22 - "	
9886.	<i>Passerella iliaca townsendi</i> ,	♂ "	" 18 - "	
9887.	" "	♂ "	March 14 - "	
9888.	" "	♀ "	Feb. 25 - "	
9889.	<i>Contopus richardsoni</i> ,	♀ "	June 15 - "	
9890.	<i>Colaptes auratus hybridus</i>	♂ "	Feb. 10 - 1882.	

Point Reyes

9891.	<i>Phalacrocorax violaceus resplendens</i> ,	♀ ad.	May 29, 1884
9892.	" <i>penicillatus</i> ,	♂ "	" 29, "

Bear Valley

9893.	<i>Haematopus niger</i> ,	♀ ad.	May 30 - 1883.
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Washington, Dist. Columbia.

(The following specimens were obtained for me by H. W. Henshaw who hired a boy to shoot them on the outskirts of the city. They were skinned by Mr. John Ridgway. All but one were killed in April, the dates, unfortunately, not being preserved. These specimens cost me 50. cents.)

9894.	<i>Luscalus purpureus</i> ,	♂ ad.	March 27 - 1884.
9895.	" "	♂ "	April - "
9896.	" "	♂ "	" "
9897.	" "	♂ "	" "
9898.	" "	♂ "	" "
9899.	" "	♂ "	" "
9900.	" "	♀ "	" "
9901.	" "	♀ "	" "
9902.	" "	♀ "	" "
9903.	" "	♀ "	" "

(S. S. Henshaw)

(S. S. Henshaw)  
GOOSE IN EXCH. TO  
L. C. SANFORD

Miscellaneous

9904.	<i>Picoides americanus dorsalis</i> ,	♀ ad.	Silverton, Colorado, May 29 - 1883. Coll. F. M. Davis, No. 189.
9905.	<i>Plectrophanes maccoyii</i> ,	♂ juv.	Illis, Kansas, Feb. 9, 1889. Coll. Horis H. Henshaw (S. S. Henshaw).

Miscellaneous

Bought and exchanged from Southwick & Jensen (Aug. 1884)

9904.	<i>Cypseloides niger borealis</i> ♀	July 7 - 1883	Denver, Colorado.
9907.	<i>Prionus canadensis capitatus</i> ,	♂ juv.	Fuller, Humes, Chappaqua Co., Colorado, June 18, 1883. 112 x 17.
9908.	<i>Urostromus carolinensis</i> ,	-	" " Hall " Miami, Florida, - 1882
9909.	<i>Conurus carolinensis</i> ,	-	♂ ad. Tampa, Florida, January 15 - 1883 "Eggs gray"
9910.	" "	♂ "	" " " 27 " "
9911.	" "	♀ "	" " " November 17 - 1882 " "
9912.	<i>Picoides americanus dorsalis</i> ,	♂ ad.	Colorado, January - 1883 High to Denver and
9913.	" "	♀ "	" " Platte Canon " March - " "
9914.	<i>Haematopus palliatus</i> ,	♀ chick.	Coos Bay Island, Virginia, July 28 - 1882.
9915.	<i>Platalea ajaja</i> ,	♂ ad.	Gadsden, Florida, Nov. 21 - 1883.
9916.	<i>Burns humilis</i> ,	♂ ad.	Grand Menan, New Brunswick, January 10, 1884 - S. S. Henshaw
9917.	" <i>marinus</i> ,	♂ im.	" " " " " February 3 - " "
9918.	" <i>glaucus</i> ,	-	" " " " " March 1 " " "
9919.	<i>Alca torda</i> ,	♂ ad.	" " " " " January 10 - " " "

9920.	<i>Burns marinus</i> ,	♀ im.	Freeport, Maine, January - 1884. Bought of Geo. O. Welch at N.
9921.	" "	juv.	Dyann, N.H., winter of 1882-3. Obtained in the flesh by A. U. Henshaw, Jr.
9922.	" <i>alluaniensis</i> ,	- juv.	Rockport, Mass., autumn of 1883. Bought of S. S. Henshaw (30 y.)
9923.	<i>Haematopus palliatus</i> ,	♀	Great Works Stream, Maine, Oct. 6, 1884. Collected & presented by Mr. Henshaw
9924.	<i>Uria gygula</i> ,	- juv.	first pt. Atlantic Coast of North America. Of C. J. Maynard
9925.	<i>Nyctale acadica</i> ,	♀ ad.	Princeton, New Jersey, Jan'y 10, 1879. Coll. B. B. Smith (who took from A. F. Henshaw)
9926.	<i>Hauidium gnoma</i> - juv.	♂	St. Klammath, Oregon, June 23, 1883. Collected & presented by Capt. C. S. Henshaw
9927.	<i>Hudsonius ludovicianus</i> ,	♂ ad.	Belmont, Mass., May - 1875. Coll. H. S. Henshaw (who was by A. F. Henshaw)
9928.	<i>Passerculus iohannes</i> ,	- ad.	San Diego, California, Feb. 15, 1884. Presented by Mr. C. Henshaw (No. 1250)
9929.	<i>Empidonax fulvifrons pallens</i> ♂ juv.	first pt.	Long Camp, Apache, Arizona 1876. Coll. H. S. Henshaw (No. 1250)
9930.	" "	♂ "	" " " " " Arizona, Sept. 13, 1876. Of C. S. Henshaw
9931.	<i>Carpodacus frontalis</i> ,	♂ ad.	Silver City, New Mexico, April 26, 1884. No. 1644. Coll. H. S. Henshaw
9932.	" "	♂ "	" " " " " 29, " " 1659 " " "
9933.	<i>Bostrychopus plumbeus</i> ,	♂ "	" " " " " February 16, " " 1360 " " "
9934.	<i>Regulus exilis</i> ,	♂ im.	Nantasket Beach, Mass., Feb. 22, 1883. Coll. Henshaw (No. 1250)
9935.	" <i>robbelli</i> ,	♂ ad.	" " " " " 22 " " " " "
9936.	" "	♂ "	" " " " " 22 " " " " "
9937.	" "	♂ "	" " " " " 22 " " " " "

In exchange from C. J. Maynard.

9938.	<i>Dendroica virens</i> ,	♂ ad.	Nassau, Bahama Islands, Feb. 14, 1884.
9939.	<i>Myiophobus indovianus</i> ,	♀ ad.	Roswood, Florida, Dec. 7, 1883
9940.	<i>Sitta carolinensis</i> ,	♂ "	" " " " " 18 " " "
9941.	" "	♀ "	" " " " " Nov. 22, " " "
9942.	<i>Dendroica palmarum</i> ,	♂ ad.	San Jose, " " " " " Jan'y 1, 1884
9943.	<i>Geothlypis trichas</i> ,	♂ ad.	Roswood, " " " " " Nov. 27, 1883
9944.	<i>Piranga aestivalis</i> ,	♀ juv.	" " " " " Dec. 10, "
9945.	" <i>bachmani</i> ,	♀ "	" " " " " Jan'y 2, 1884
9946.	<i>Rallus elegans</i> ,	♂ "	" " " " " Nov. 25, 1883.
9947.	" "	♀ "	" " " " " 4, "

# Miscellaneous

Bought and exchanged from C. K. Worthen.

9948.	<i>Turdus naevius</i> ,	♂ ad. Portland, Oregon, April 20, 1882.	(C. K. Worthen)
9949.	"	♂ " " " " 20, "	
9950.	"	♀ " " " " 30, "	(C. K. Worthen)
9951.	<i>Mimus polyglottus</i> ,	♀ juv. first fl. Lone Mt., New Mexico, Aug. 5, 1884	
9952.	<i>Salpinctes obsoletus</i> ,	♂ " " " " " " " " June 24, "	
9953.	"	♀ " " " " " " " " " 24, "	
9954.	<i>Pyrauga hepatica</i>	♂ " " " " " " " " Aug. 22, "	
9955.	<i>Pipilo fuscus missouriensis</i>	♀ " " " " " " " " Sept. 1	
9956.	<i>Tyrannus vociferans</i>	♂ " first fl. " " " " " " July 23	
9957.	<i>Aphelocoma woodhousei</i>	♂ " " " " " " " " Aug. 3	
9958.	"	♀ " " " " " " " " " 6, "	
9959.	<i>Hysteronyx pilatus</i> ,	♂ ad. Aurora, Maine, Feb. 2, 1882, " "	
9960.	"	♂ " Spokane Co. Washington Territory, April 4, 188-	

# South Carolina

Near Charleston. - Collector, Arthur T. Wayne.

9961.	<i>Ampelis cedrorum</i> .	♂ ad. Dec. 30. 1884. Coll. no. 494	
9962.	<i>Helminthophila celata obscura</i> .	♀ " January 7. 1885. Coll. no. 503	
9963.	"	♀ " 13. " " " 507 (Sullivan's Island)	
9964.	"	♀ " 13. " " " 508 " "	
9965.	<i>Geothlypis trichas</i> .	♂ ad. " 10. " " " 506.	
9966.	<i>Chrysomitris tristis</i> .	♂ " 10. " " " 504.	
9967.	"	♀ " 10. " " " 505.	
9968.	<i>Pseudoceryle alutacea bairdii</i> .	♂ " 2. " " " 499	
9969.	"	♂ " 7. " " " 502.	
9970.	<i>Colinus ludovicianus</i> .	♂ " 7. " " " 500.	
9971.	"	♂ " 7. " " " 501.	
9972.	<i>Buteo lineatus</i> .	♂ juv. December 14. 1884. " 481. (Mt. Pleasant)	
9973.	<i>Parus carolinensis</i> .	♀ ad. February 18. 1885. " 543.	
9974.	<i>Helminthophila celata obscura</i> .	♂ " January 27. " " 522 (Sullivan's Island)	
9975.	"	♀ " 27. " " " 523 ( " )	
9976.	"	♀ " February 27. " " 555	
9977.	<i>Dendroica palmarum hypochrysa</i> .	♂ juv. Feb. 23. " " 547.	
9978.	<i>Geothlypis trichas</i> .	♂ ad. January 26. " " 545	
9979.	"	♂ " February 23. " " 548	
9980.	<i>Sitta carolinensis</i>	♂ ad. March 2. " " 559	
9981.	"	♀ " February 12. " " 540	
9982.	"	♀ " 23. " " 546	
9983.	<i>Mimus carolinensis</i> .	♂ " 27. " " 554	
9984.	<i>Picus noronhaiensis</i> .	♀ " January 27. " " 521 (Sullivan's Island)	
9985.	<i>Turdus hiemalis</i> .	♀ " February 2. " " 531	
9986.	<i>Tachycineta bicolor</i>	♂ ad. " 10. " " 534 (Sullivan's Island)	
9987.	"	♂ " 10. " " 533.	
9988.	<i>Tringa alpina americana</i>	♂ juv. " 10. " " 537.	
9989.	"	♀ " January 27. " " 545	
9990.	"	♀ " " " " 547	
9991.	"	♀ " " " " 549	

# Miscellaneous

Each from W. E. Bryant received January, 1885.  
California. - Collector W. E. Bryant.

9992.	<i>Emmetus pusillus occidentalis</i> .	♂ juv. Oakland, Aug. 24. 1883. Coll. no. 1038.	
9993.	"	♂ " " " " 24. " " 1039.	
9994.	<i>Lomvia troille californica</i> .	♀ ad. Farallone Islands, May 16. 1875. " " 688.	
9995.	"	♂ " " " " " " " "	
9996.	<i>Lunda cirrhata</i>	♂ " " " " June 27. " " (688 D. S. B.)	
9997.	<i>Podiceps occidentalis "clarkii"</i>	♀ " Oakland Creek, Dec. 28. 1881. " " 503.	
9998.	<i>Larus heermanni</i> .	♀ " " " " January 10. 1884. " " 1182.	
9999.	"	♂ im. " " " " 10. " " 1185.	
10000.	"	♀ " " " " 10. " " 1185.	
10001.	"	♀ juv. " " " " 10. " " 1185.	
10002.	" <i>glaucurus</i> .	♀ ad. " " " " December 20. 1883. " " 1157.	
10003.	"	♀ juv. " " " " January 31. 1884. " " 1235.	
10004.	" <i>occidentalis</i> .	♀ ad. " " " " 10. " " 1201.	
10005.	" <i>californicus</i> .	♂ im. " " " " 31. " " 1228.	

Presented by Capt. Chas. E. Bendire U.S.A.; February, 1885.

Fort Custer, Montana; - Coll. Capt. Bendire.

10006.	<i>Parus atricapillus septentrionalis</i> .	♂ ad. January 27. 1885. Collector's no. 749.	
10007.	"	♀ " 22. " " " 747.	
10008.	<i>Sceloporus tephrocote</i> .	♂ " December 18. 1884. " " 723.	
10009.	"	♂ " January 14. 1885. " " 742.	
10010.	"	♂ juv. December 18. 1884. " " 724.	
10011.	"	♀ ad. January 14. 1885. " " 740.	
10012.	<i>Ampelis garrulus</i> .	♂ " 2. " " " 733.	
10013.	"	♂ " 2. " " " 734.	
10014.	"	♀ " 2. " " " 732.	
10015.	<i>Colinus borealis</i>	♂ " December 17. 1884. " " 717.	
10016.	<i>Picus villosus</i>	♂ " 27. " " " 729.	
10017.	" <i>harrisi</i>	♂ " 13. " " " 713 (abnormal)	
10018.	" <i>pusillus guirauderi (intermedia)</i>	♂ " November 23. " " 707.	
10019.	<i>Bubo virginianus arcticus</i> ?	♂ " January 30. 1885. " " 757.	
10020.	" <i>subarcticus</i>	♀ " 5. " " " 736.	
10021.	<i>Scops asio maxwellian</i> .	♂ " 3. " " " 735.	
10022.	"	♀ " December 6. 1884. " " 709.	
10023.	<i>Nyctale acadica</i> .	♀ " 17. " " " 719.	
10024.	<i>Falco sparverius</i> .	♂ " 21. " " " 726.	
10025.	<i>Pedunculatus phasianellus columbianus</i> .	♂ ad. February 1. 1885. " " 758.	
10026.	"	♀ " January 30. " " 755.	
10027.	<i>Centrocercus urophasianus</i> .	♂ " November 18. 1884. " " 679.	
10028.	<i>Plectrophanes lapponicus</i>	♀ " October 22. " " 690.	
10029.	<i>Loxia alba</i>	♀ ad. } Bought in flesh in Boston Market, January, 1885. Sent to	
10030.	"	♀ " } be from Labrador via Quebec.	





Miscellaneous.

In exchange from C. J. Maynard (recd. January 6, 1886.)

Magdalen Islands, Gulf of St. Lawrence. Collector M. Abbot from (p. C. J. ".)

10091. *Loxia leucoptera* ♂ juv. first pl. June 23, 1882  
 10092. " " ♂ " " " 23 - "  
 10093. " " ♂ " " " 24 - "  
 10094. " " ♀ " " " 26 - "  
 10095. " " ♀ ad. " 26 - "

(C. J. B. Richmond)

Bought of C. J. Maynard (January 13, 1886)

Laredo, Texas. Collector Frank B. Armstrong

10096. *Harporhynchus curvirostris*. - ♂ November 14, 1885.  
 10097. " " ♂ " 18 - " White spots on tail restricted nearly to *complanatus*  
 10098. *Ceryle alcyon* *brunneicapillus* - ♂ December 11, 1885.  
 10099. " " ♀ " 13 - "  
 10100. *Thryomanes bewickii leucogaster* ♂ October 29 "  
 10101. *Salpinctes obsoletus* ♀ December 14 "  
 10102. *Auriparus flaviceps* ♂ " 14 " *Exch. to E. J. Maynard*  
 10103. *Dendroica pinus* ♂ " 17 "  
 10104. *Pentelaea cassinii* ♂ November 10 "  
 10105. " ♀ December 8 "  
 10106. *Zonotrichia leucophrys* ♂ " 18 " (Apparently intermediate between  
 10107. " " ♂ " 10 " *Z. leucophrys* & *Z. intermedia*  
 10108. *Calamospiza bicolor* ♂ ad? " 14 "  
 10109. *Pyrrhuloxia sinuata* ♂ November 11 "  
 10110. *Cardinalis virginianus* ♂ December 20 "  
 10111. " ♀ " 4 "  
 10112. *Scops asio mc. calli* ♀ November 15 "

Bought of C. J. Maynard, (Aug. 1885)

Collector Foster A. Brackel.

10113. *Geothlypis trichas*, ♀ juv. Boston, Mass., Oct. 27, 1884. An abnormal specimen. <sup>Gills no 22</sup> *remicollaris* color?  
 10114. *Ammodramus caudacutus* ♂ ad. River Beach, Mass., May 27, 1879. Coll. no. 270  
 10115. " " ♂ " " " 24, " " 202  
 10116. *Sturnella magna*, ♂ juv. Chatham, " Sept. 15, 1884 " " 605  
 10117. *Sterna dougalli* ♂ " " " 24, " " 674  
 10118. " " ♂ " " " 17 " " 627 exch. to Lehighgrad

Miscellaneous.

10119. *Zonotrichia coronata* ♂ juv. California Coll. F. Stephens; no 930  
 10120. *Pipilo fuscus missillensis* ♀ " Silver City, New Mexico, November 23, 1883. " " C. K. Miller, no. 1152.  
 10121. *Centurus uropygialis* ♂ " Catalina Hill, Arizona, " 22, " " W. S. D. Scott, " 2570  
 10122. *Turdus olivaceus bicolor* ♂ ad. Dedham, Mass., Oct. 4, 1883. Shot by R. B. Worthington; presented in flesh by  
 10123. *Trochilus colubris* ♀ " Locust Grove, New York, May 5, 1884. Picked up dead. Skinned by W. S. Bryant.

Miscellaneous.

Nicasio, Marin Co., California. Collector, Charles A. Allen.

10124. *Turdus migratorius propinquus*. - ♂ ad., November 10, 1884.  
 10125. *Parus rufescens neglectus*. - ♂ " 26, "  
 10126. " " ♀ " 26, "  
 10127. *Chamaea fasciata* ♂ February 13, 1885.  
 10128. " " ♂ " 13 " Recd. to L  
 10129. *Corvus familiaris occidentalis* ♂ January 19, "  
 10130. *Regulus satrapa* ♂ October 13, 1884 } Approaching one  
 10131. " " ♀ " 13, " }  
 10132. *Passerella iliaca townsendi* ♀ February 28, 1885.

10133. *Pooecetes ruficeps*. - ♂ ad. Nicasio Marin Co., California, June 20, 1877. Coll. W. S. Bryant

Fort Greeter, Montana Coll. Capt. Charles S. Bendire (presented)

10134. *Calamospiza bicolor*. - juv. first pl. June 26, 1885. Coll. no. 842.  
 10135. " " " " " 26 " " 840.  
 10136. *Craniophila alpestris sinuata*. " " " 19 " " 838.

Cook County, Texas. Coll. G. H. Ragsdale

10137. *Turdus pallasi auduboni*. - ♂ ad., March 20, 1885. " <sup>Gills no 22</sup> *leucogaster*, <sup>Gills no 22</sup> *leucogaster*, <sup>Gills no 22</sup> *leucogaster*.  
 10138. *Geothlypis trichas* ♀ " May 6, " " 6.2 x 2.4 x 2.3 " <sup>Gills no 22</sup> *leucogaster*.  
 10139. " " ♀ " 6, " " 6.25 x 3.1 x 2.2 "  
 10140. *Vireo belli* ♂ " June 26, 1884

Exchange from F. Stephens.

10141. *Harporhynchus lecontei*, ♂ juv. first pl. Agua Caliente, California, Aug. 7, 1885. Coll. F. Stephens <sup>No 2870</sup>  
 10142. " " ♂ " first " Whittewater, California, May 16, 1885. Coll. F. Stephens no. 2788.  
 10143. " " ♂ " fall " " " Oct. 28, " " W. S. Wright

10144. *Oporornis formosa* ♂ juv. first pl. Sing Sing, New York, June 28, 1884. Coll. A. K. Fisher <sup>No 2873</sup>  
 10145. *Turdus sialia bicolor* ♂ juv. first pl. Mt. Mansfield, Vermont, July 26, 1885.  
 Presented in the flesh by Bradford Torrey who obtained it on (or near) the summit of the cabaret river.



## Spelman Collection

10211.	<i>Hydrochelidon surinamensis</i>	♂ juv.	Rye Beach, N. H.	Aug. 25-1880.	SHOT BY JOHN W. RICE.
10212.	"	♀	"	"	"
10213.	"	♀	"	"	"
10214.	"	♀	"	"	"
10215.	<i>Uria grylle</i>	♂ ad.	Mt. Desert, Maine,	July 19-1880.	
10216.	"	♀	"	"	"
10217.	"	♀	"	"	"
10218.	"	♂	"	"	"
10219.	"	♀ juv.	"	"	"
10220.	<i>Somvia brunnehi</i>	♀	Rye Beach, N. H.	Feb. 28, 1880.	From R. J. Locke.

## Stephens Collection (3/1884)

The following birds were selected from a parcel large number of specimens sent me for their purpose by Mr. Stephens after his return to Cuba in 1884. This includes many young birds which Mr. Stephens collected on his way to Cuba for me. There are also some birds taken in 1885 in California.

Collector - F. Stephens

					Colls. No.
10221.	<i>Harporhynchus lecontei</i>	♀ juv. first pl.	Agua Caliente, California	March 28, 1884	904
10222.	"	♂ juv. first pl.	Agua Caliente, Cal.	Apr. 7, 1885	2717
10223.	"	♀	Tucson, Arizona,	Apr. 15, 1884	1084
10224.	<i>Turdus insularis</i>	♂ ad.	Camp Bowell,	May 21	(7.3x11.7) 1546
10225.	<i>Scalia s. azurea</i>	♂	Santa Rita Mts.	June 18	(6.4x12.9) 1855
10226.	"	♀	"	" 20	(6.6x11.4) 1897
10227.	<i>Oreophila chrysolaema?</i>	♂	San Geronimo Pass, California,	March 20	(6.6x12.6) 963
10228.	"	♀	Davidson's Spring, Arizona,	July 27	(6.5x11.6) 2355
10229.	<i>Pyrranga a. cooperi</i>	♂ ad. aut. pl.	Tucson, Arizona,	Sept. 1-1884	(7.8x11.6) 2634
10230.	"	♂ im. spring pl.	Camp Bowell,	May 19	(8.2x12.5) 1522
10231.	"	♀ juv. first pl.	"	Aug. 11	(7.7x11.7) 2500
10232.	"	♀	"	" 25	(7.5x11.9) 2561
10233.	"	♂	Santa Rita Mts.	July 12	2223
10234.	"	♀	30 miles S. of Tucson	Sept. 1	(7.3x11.6) 2632
10235.	<i>Phainopepla nitens</i>	♂ juv. fall pl.	Camp Bowell, Arizona,	Aug. 18, 1884.	(7.8x11.1) 2552
10236.	<i>Sitta car. aculeata</i>	♂ juv. first pl.	Santa Rita Mts.	June 25	(5.3x10.3) 1965
10237.	"	♀	"	July 18	(5.7x10.9) 2234
10238.	<i>Loophophanes wollweberi</i>	♂ juv. first pl.	"	June 18	(3.2x6.4) 1870
10239.	<i>Dendroica graciae</i>	♀ ad.	"	" 23	(4.8x7.3) 1930
10240.	<i>Dendroica nigrescens</i>	♂ juv. first pl.	"	" 25	(5.1x7.7) 1964
10241.	"	♂	"	July 1	2072
10242.	<i>Geothlypis tr. occidentalis</i>	♀ ad.	Camp Bowell,	May 22	(4.9x6.6) 1868
10243.	<i>Cardellina rubrifrons</i>	♂ ad.	Santa Rita Mts.	June 16	(5.4x7.7) 1817
10244.	"	♂ juv. first pl.	"	July 7	(4.8x8.1) 2139
10245.	<i>Setophaga picta</i>	♀	"	June 27	(5.5x8.4) 2009
10246.	"	♀	"	" 16	1821
10247.	<i>Vireo belli pusillus</i>	♀ juv. fall pl.	Camp Bowell,	Aug. 11	(4.3x6.7) 2501
10248.	<i>Vireo h. stephensi</i>	- juv. first pl.	Santa Rita Mts.	July 9	(4.8x5.1) 2161
10249.	<i>Eugenes fulgens</i>	♀ ad.	Santa Rita Mts.	" 5	(5.2x6.5) 2115
10250.	<i>Protilus alexandri?</i>	♀ juv.	"	" 11	(4x4.6) 2209

Stephens Collection (of 1884)

10251	<i>Coturniculus pas. jessallidus</i> , ♂ ad. Crittenden, Arizona, July 22, 1884. 5.1 x 8.1	2312
10252	" " " ♀ " " " " " 5.1 x 7.7	2311
10253	<i>Spizella breweri</i> , ♂ " San Geronimo Pass, California, Mch. 25 " 5.1 x 7.8	966
10254	" " " ♂ juv. near Sasabe, Sonora, Mexico, Aug. 28 " 5.3 x 7.6	2626
10255	<i>Puncāea arizonae</i> . ♂ ad. Crittenden, Arizona, July 21 " 5.8 x 8.4	2257
10256	" " " ♂ " " " " 24 " 6.1 x 8.3	2344
10257	" " " ♀ juv. 1 <sup>st</sup> pl. " " " 23 " 4.7 x 7.5	2339
10258	" " " ♂ ad. 15 miles E. of Babogivori Peak, S. Arizona, Aug. 9, 1884. (6.1 x 8.2)	2388
10259	<i>Puncāea cassini</i> ♂ ad. Davidson's Spring, Arizona, July 27, 1884. 6.2 x 8.3	2356
10260	" " " ♀ " Crittenden " " 24 " 5.8 x 7.8	2345
10261	<i>Puncāea r. boncardi</i> ♂ juv. first pl. Santa Rita Mts. " June 30, " 5.7 x 8.1	2039
10262	<i>Puncāea carpalis</i> . ♀ juv. first pl. 35 miles N.E. of Altar Sonora, Mexico, Aug. 12, 1884	2604
10263	<i>Turco cinereus palliatus</i> , ♀ juv. first pl. Santa Rita Mts. Arizona, July 5, 1884. 5.8 x 9.3	2102
10264	<i>Pipilo fuscus mesoleucus</i> ♀ juv. first pl. Camp Lowell, " May 24 - "	1899
10265	<i>Gurāca cāerulea</i> - ♂ juv. first pl. " " " Aug. 8 - " 6.9 x 10.7	2472
10266	" " " ♀ ad. " " " July 21 " 6.5 x 9.9	2300
10267	<i>Molothrus p. obscurus</i> , ♀ juv. first pl. " " " 23 " 5.7 x 10.5	2329
10268	<i>Icterus cucullatus melsoni</i> , ♂ juv. " " " Camp Lowell, " Aug. 6 " 7.4 x 10.5	2457
10269	" <i>parisorum</i> ♀ " " " Santa Rita Mts. " June 25 - " 6.6 x 10.5	1951
10270	<i>Coccyzus americanus</i> , ♀ juv. " " " Crittenden, " July 15 " (near Santa Rita Mts.) 2266	
10271	<i>Myiarchus mex. majister</i> , ♀ " " " Camp Lowell, " Aug. 5 - " (8.5 x 12.4)	2434
10272	" <i>lawrencii olivaceus</i> ♀ " " " Santa Rita Mts. " July 15 " (5.9 x 10.9)	2235
10273	<i>Sayornis sayi</i> ♀ " " " " " " June 30. " (7.7 x 12.1)	2035
10274	<i>Contopus pertinax</i> ♂ ad. " " " " " July 5 " 8. x 12.9	2105
10275	" <i>vir. richardsoni</i> ♀ juv. first pl. " " " " " 18 " 8.8 x 8.6	2296
10276	<i>Cardinalis c. superbus</i> ♂ juv. first & full pl. Camp Lowell, " Aug. 4, " 9.5 x 11.5	2341
10277	" " " ♀ " " " " " 19 " 8.8 x 11.2	2551
10278	<i>Pyrrhuloxia sinuata</i> ♂ " first pl. near Sasabe, Sonora, Mexico, Aug. 11, 1884 (8.4 x 12.9)	2394
10279	" " " ♀ " first & full " Camp Lowell, Arizona, " 8, " (8.1 x 12.9)	2476
10280	<i>Sturnella magna mexicana</i> , ♂ ad. Crittenden, Arizona, July 22, 1884 (9.5 x 16.6)	2320
(Examined & determined by R. Ridgway)		

Stephens Collection (of 1884)

10281	<i>Pipilo m. megalonyx</i> ♀ juv. first pl. Santa Rita Mts., Arizona, July 18, 1884. 8.5 x 10.1	2295
10282	<i>Picus stricklandi</i> . ♂ juv. first pl. Santa Rita Mts., Arizona June 27, 1884 7.6 x 13.6	2001
10283	" " " ♀ " " " " " " July 4 - " 8.5 x 14.5	2096
10284	<i>Centurus uropygialis</i> ♂ " " " Camp Lowell, " May 24 " 6.1 x 11.3	1601
10285	<i>Melanerpes for. bairdi</i> ♀ ad. " " " " 23 " 9.1 x 17.4	1578
10286	<i>Cyanocitta s. macrolopha</i> , ♀ juv. first pl. Santa Rita Mts. " July 18 " 11.1 x 16.6	2286
10287	<i>Aphelocoma s. arizonae</i> , ♀ " " " " " " June 6 - " 11.3 x 17.4	1704
10288	" " " ♂ " " " " " " 12 - " 7.1 x 12.5	1762
10289	<i>Callipepla squamata</i> ♂ juv. " " " Camp Lowell, " Aug. 1 " 8.7 x 15.1	2415
10290	" " " - chick Davidson's Spring, " July 28 - " (killed with parent) 2379	
10291	<i>Scothorhynchus gambeli</i> ♀ juv. first pl. Camp Lowell, " Aug. 6 - " 8.8 x 13.7	2452
10292	" " " ♀ chick near Sasabe, Sonora, Mexico, " 10 " (killed with parent) 2593	
10293	<i>Cyrtonyx montana</i> ♂ ad. Santa Rita Mts. Arizona, June 30. " 8.8 x 15.8	2052
10294	<i>Buteo swainsoni</i> ♀ juv. 26 miles S.W. of Tucson, " Aug. 7. " 14.9 x 42.2	2584
10295	<i>Bubo vir. subarcticus</i> , ♂ juv. Santa Rita Mts. " June 13 - " 19.5 x 35.1	1794
10296	<i>Ibis gerardiana</i> ♂ ad. Tucson, Arizona, April 22, 1884 25.3 x 38.7	1173
10297	" " " ♀ " " " " " 19.3 x 33.3	1172
10298	<i>Larus glaucescens</i> , ♀ ad. Whidby Island, Washington Is., January 4, 1884. 27.4 x 59.	945

Miscellaneous.

10299	<i>Colymbus septentrionalis</i> . ♂ ad. upper pl. near Boston, Mass Oct. 6, 1884. I saw this specimen in the flesh, freshly killed, at the store of J. B. Webster from whom I afterwards bought it.	
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1885

Washington District of Columbia, Coll. H. W. Henshaw

10300	<i>Parus carolinensis</i> ♂ February 24 <sup>th</sup>	
10301	" " ♀ March 11	
10302	" " ♀ " 11	
10303	" " ♀ " 24	
10304	" " ♀ April 19	



1885.  
March 28

Massachusetts.  
River Beach, Col. William Brewster.

10305. *Sialia sialis*, ♂ ad.  
10306. " " ♀  
10307. *Emmophila alpestris*, ♀  
10308. *Melospiza melodia* ♂

Spent most of the day at River Beach with Spelman. He saw one Ipswich Sparrow which I shot down but could not find. Song Sparrows are abundant.

April 1

Ipswich.

10309. *Passerculus princeps*, ♂  
10310. *Melospiza melodia* ♂  
10311. " " ♂  
10312. " " ♂  
10313. " " ♂  
10314. " " ♂

Clear with high wind.

Made an appointment with Fraser to spend the day at Ipswich but he missed the train. I went alone.

At Stone's I hired a man to row me down river and to look after the boat etc.

Landing at the sand hills I first beat them shooting an Ipswich Sparrow and starting several others which I could not find a second time. I then turned my attention to Song Sparrows of which the thickets on the hillside were full.

I saw a flock of Horned Larks on the top of the hill but failed to get a shot.

April 6

Ipswich.

10315. *Passerculus princeps*, ♂ ad.  
10316. " " ♂

Spent the day at Ipswich with Spelman. He saw only two *P. princeps* both of which I shot. Savanna Sparrows were numerous.

1885.  
April 19

Near Washington, District of Columbia.  
Fairfax Co., Virginia.

10317. *Harporhynchus rufus* ♂ ad.  
10318. *Parus carolinensis* ♂ ad.  
10319. " *atricapillus* ♂. (Shot by Mr. Palmer)  
10320. *Geothlypis trichas*, ♂ ad.  
10321. *Dendroica pinus* ♀  
10322. *Spizella pusilla* ♂  
10323. *Zonotrichia albicollis* ♂

Starting at about 9 a. m. H. W. Henshaw and I drove to Menzies Hill. The day was clear but cool with a high wind. Woods leafless and no shrubs in blossom. Palmer and Roberts on a tour by the way and we entered the woods together. The country visited was very wild and picturesque and the timber heavy for this region. Birds were rather scarce. Palmer struck a flock of *Parus atricapillus* and killed six or seven.

April 23

Visited Rock Creek late in P. M. Spice bush, box-figs and clematis in bloom.

April 24

Fairfax Co. Virginia (near Falls Church)

10324. *Geothlypis trichas*, ♂ ad.  
10325. *Spizella pusilla*, ♂  
10326. " " ♀  
10327. *Coturniculus passerinus*, ♂ ad.  
10328. " *henslowi* ♂  
10329. " " ♂  
10330. " " ♂  
10331. " " ♂  
10332. " " ♂  
10333. " " ♂  
10334. " " ♀  
10335. *Pipilo erythrophthalmus* ♂ ad.

Starting at 10.30 a. m. H. and I drove to the Henshaw's Sparrow ground near Falls Church, Va. The shrub bush was in full bloom to-day the willows covered with blossoms and several small shrubs just getting green.

1885-  
Apr. 26.

Near Washington, District of Columbia.  
Fairfax County, Virginia.

10336. *Sciurus auricapillus*, ♂ ad.  
10336. *Dendroica discolor* ♂ "  
10337. " " ♂ "  
10337. *Vireo novboracensis* ♂ "  
10338. *Sayornis fusces* ♀ "  
10338. *Minus carolinensis* ♂ " renumbered 337091 April 2

Starting at 10.30 A. M. H. and I drove to the Mary Hall place, an extensive tract of wild heavily-forested country in Virginia. The country is fast becoming 'garden', peach orchards are in full bloom, and the red bud will open in a day or two.

Apr. 27

Arlington Heights, Virginia.

10339. *Turdus pallasi* ♀ ad.  
10340. *Sciurus naevius* ♂ "  
10341. " *auricapillus* ♂ "  
10342. *Dendroica coronata* ♂ " with yellow wash on throat.  
10343. " " ♂ "  
10344. *Setophaga ruticilla* ♂ "  
10345. " " ♀ "  
10346. *Vireo novboracensis* ♂ " Mated pair.  
10347. " " ♀ "  
10348. *Turdus mustelinus* ♂ "  
10349. *Antrostomus vociferus* ♂ ad. Shot on ground with 2 local peewees.

Starting immediately after lunch H. drove me across the river to Palmer's where we left the horse and spent a long afternoon in the woods near Arlington. Birds were very numerous and H. made a heavy bag. I had poor luck and shot 4 badly (using a local cane) that I missed more than half my birds. The day was warm and delightful.

1885  
May 1

Charleston, South Carolina  
James Island.

10350. *Icterus spurius* ♂ im.  
10351. *Cyanospiza cyris* - ♂ ad.  
10352. *Pyrranga aestiva* - ♀ " laying  
10353. *Dendroica coronata* - ♂ ad. moulting  
10354. " *strata* - ♂ "  
10355. *Pipilo erythrophthalmus* ♀ ad.  
10356. *Turdus fusces* ♂ ad.

GONE IN EXCH. TO  
EXCH. NAT. MUS.

Clear and warm. (Reached Charleston April 29<sup>th</sup>)  
At about noon crossed the Ashley and after calling on Mr. Hinson spent an hour or two collecting. Woods in full leaf, most of the migrants gone, and birds generally unaccountably scarce.

May 2

Nine Mile Run.

10357. *Holmida swainsoni* ♂ ad.  
10358. " " ♂ "  
10359. *Guiraca caerulea* ♂ "  
10360. *Icterus spurius* - ♂ "  
10361. *Myiochanes nitens* ♂ "  
10362. " " ♂ "  
10363. " " ♂ "  
10364. " " ♂ "  
10365. " " ♂ "  
10366. " " ♀ "  
10367. " " ♀ "  
10368. *Turdus mustelinus* ♂ ad.  
10369. " " ♂ "  
10370. " *pallasi* ♀ "  
10371. " *aliciæ bicknelli* ♂ ad.  
10372. *Dendroica caerulescens* ♂ ad.  
10373. " " ♂ "  
10374. *Lophophanes bicolor* ♂ "  
10375. *Thryothorus ludovicianus* ♂ "  
10376. *Cyanospiza cyanea* - ♂ ad.  
10377. *Ministrella varia* - ♀ ad.

GONE IN EXCH. TO POST. VOC. NAT. HIST.

GONE IN EXCH. TO POST. VOC. NAT. HIST.

Col. Meinertzhagen

248 7/4 *Vireo novboracensis*. Nest in oak of height 3 ft. 1st egg fresh.

Hired a team of Picket this morning and with Wayne drove out to Nine Mile Run where we stabled the horse and spent the day in the woods. Birds were very numerous but I spent most of my time after Swainson's Warblers & hence failed to make a large bag. The woods were very beautiful and the timber on this bottom the finest I have yet seen near Charleston. We saw a moccasin basking on a floating log and jumped a deer which started among dense cane within ten yards of me and went crashing off at a gallop.

1885  
May 4

Near Charleston, South Carolina.  
Cane Creek Swamp, Ravenel.

10375	<i>Colaptes citrea</i>	♂ ad	
10377	"	♂ "	
10380	"	♂ "	Dejected.
10381	"	♂ "	
10382	"	♂ "	
10383	"	♂ "	
10384	"	♂ "	
10385	"	♂ "	
10386	"	♀ "	
10387	"	♀ "	
10388	<i>Myiodynastes nathans</i>	♂ "	
10389	"	♀ "	
10390	<i>Dendroica virens</i>	♂ "	
10391	<i>Sarus naevius</i>	♂ "	
10392	"	♂ "	
10393	<i>Cistothorus palustris</i>	♀ "	
10394	<i>Empidonax acadicus</i>	♂ "	
10395	"	♂ "	
10396	<i>Turdus swainsoni</i>	♂ "	
10397	" <i>fuscus</i>	♀ "	
10398	<i>Coccyzus americanus</i>	♀ "	
10399	<i>Quiscalus purpureus</i>	♂ ad.	
10400	<i>Coccyzus carolinensis</i>	♂ ad.	
10401	<i>Syrnium nebulosum albicollis</i>	♂ "	
10402	<i>Ardea herodias</i>	♀ "	

169 & 3 *Protonotaria citrea*. Nest in natural cavity in low stump; height about 3 feet. 4 seen keeping in cypress swamp. Eggs fresh.

Clear and a pleasant day, by no means unusual at this season. Left Charleston at 7:05 A.M. for the Charleston & Savannah Railroad on destination Ravenel 25 miles distant. Arriving there I engaged a team and we started at once for Cane Creek Swamp. This place proved a broad, heavily-timbered bottom usually flooded but now nearly dry, the ground being black and extremely frosted and with occasional pools of stagnant water. It was alive with *Protonotaria* warblers besides the usual swamp birds and we made a fair bag. I started three herons, two a fine buck and doe which were lying down in a thicket of blackberry bushes, and one heron when I was within 100 or 150 yards. The buck started first quietly followed by its mate when both leaped off rather awkwardly crashing through the brush and heading the wind flying in showers. The swamp floor was fretted with ridges mostly dead and crooked with an occasional fox. I also found the trail of a wild turkey. He saw him on his tracks there of an orange-brown color with a yellowish brown in color with red tails and bellies. Another ugly looking one was yellow black and red. *Ardea herodias* & *Syrnium nebulosum* were nesting incessantly.

1885  
May 6

Near Charleston, South Carolina.  
Sullivan's Island.

10403	<i>Spiza caerulea</i>	♀	
10404	"	♀	
10405	"	♀	
10406	"	♀	
10407	" <i>alpina americana</i>	♂ ad.	
10408	"	♀ "	
10409	<i>Calidris arenaria</i>	♂ ad.	
10410	"	♀ "	
10411	"	♀ "	
10412	<i>Agelaius wilsonius</i>	♂ "	
10413	"	♂ "	
10414	"	♀ "	
10415	"	♀ "	
10416	" <i>semipalmata</i>	♂ ad.	
10417	"	♂ "	
10418	"	♀ "	
10419	"	♀ "	
10420	"	♀ "	
10421	"	♀ "	
10422	"	♀ "	
10423	" <i>meloda</i>	♂ "	
10424	<i>Sterna antillarum</i>	♂ "	
10425	"	♂ "	
10426	"	♂ "	
10427	"	♂ "	
10428	"	♀ "	

Cloudy with showers through the forenoon, afternoon clear. Spent the day at Sullivan's Island going down on the P.M. boat and returning at 6:30 P.M. Flocks were not numerous but we saw a good many knots and many with flower, the latter in immense flocks. It was delightful on the beach, especially after the sun came out, with the white sea rolling in, the blue sea stretching away to the horizon line studded with gleaming sails and the soft sea breeze, cooling but never chilly, rippling the water and drifting the fine sand over the dunes behind.

We had swept shots at knots but most of them were too long to be effective. These birds flew just on the inner line of the and followed the outline of the shore closely. They were passing in both directions and did not seem to be migrating, at least to any extent.

1885  
May 8

Near Charleston, South Carolina  
Sullivan's Island.

- 10429 *Sterna caudata* *caudata*. ♂ ad.  
10430 *Fulix affinis*. ♂ ad.  
10431 *Tringa canutus* ♂ "  
10432 " " ♀ "  
10433 " *alpina americana*, ♂ ad.  
10434 " " " ♂ "  
10435 " " " ♂ "  
10436 " " " ♂ "  
10437 " " " ♂ "  
10438 " " " ♂ "  
10439 " " " ♀ "  
10440 " " " ♀ "  
10441 *Numenius pusillus* ♂ "  
10442 *Tringoides macularius* ♀ "  
10443 *Calidris arcuaria* ♂ "  
10444 *Actitis semipalmata* ♂ "  
10445 " " ♂ "  
10446 " " ♂ "  
10447 " " ♀

Gone to C.F. Hayward  
Gone to C.F. Hayward

GONE TO

GONE TO

Exch. to Compt. d'Abadie

exch. to Hachisuka

Cloudless, warm in the sun, pleasantly cool in the shade. Spent another delightful day on the beach at Sullivan's Island, collecting Waders. There were about as many birds flying as on the 6<sup>th</sup> but nothing in any numbers except *Knots* and *Semipalmated Plover*. I think the flight of Waders has not fairly started yet.

I fired about thirty shells, many of them at very long range. We had our galling fight with a flock of just about twenty-five *Knots* that set their wings and buzzed beautifully within thirty yards of our stand but Wagner was not prepared and I skunking a birds to us lost the chance.

On another occasion Harry Seamp Duke passed directly over the point low down. We each shot one and I missed the third. They were all males in worn & better poor plumage.

I shot my Sandwich Tern in the following manner. A pair ran from the beach and came on me. Carelessly mistaking them for Marsh Terns I shot the first and my foolishly fired a charge of #12 at the other as it hovered over its fallen mate. It was badly wounded but it soon escaped, flying off over the sea.

1885  
May 11

Near Charleston, South Carolina  
Sullivan's Island.

10448. *Sterna regia*, ♂ ad.  
10449. " " ♀ "  
10450. " " ♀ "  
10451. *Tringa canutus* ♂ "  
10452. " " ♂ "  
10453. " " ♂ "  
10454. " " ♂ "  
10455. " " ♂ "  
10456. " " ♀ "  
10457. " " ♀ "  
10458. " " ♀ "  
10459. " " ♀ "  
10460. " " ♀ "  
10461. " " ♀ "  
10462. " " ♀ im. winter pl. ovaries undeveloped.  
10463. *Squatarosa neivense*, ♂ ad.  
10464. " " ♀ "  
10465. *Actitis macularia circumcincta* ♂ ad.  
10466. " " ♀ ad.  
10467. *Streptopelia interpres* ♀ "  
10468. *Calidris arcuaria*, ♂ "  
10469. " " ♀ "  
10470. " " ♀ "

GONE TO

GONE TO

GONE TO

GONE TO

Clear and cool. Wind north, east.

Took the 10 a. M. boat to Sullivan's Island and spent the day there. There was a good flight of Waders, especially *Knots* which flew in large flocks and very steadily, all passing north. There were also several large flocks of Black-bellied Plover, at least 75 birds in some of them. We had a most agreeable time and sufficiently busy shooting to make the time pass rapidly.



1885  
May 18

Charleston, South Carolina  
Sullivan's Island.

10508	<i>Sterna a. a. a.</i>	♂ ad.
10509	"	♂ "
10510	"	♂ "
10511	"	♂ "
10512	"	♂ "
10513	"	♂ "
10514	"	♀ "
10515	"	♀ "
10516	"	♀ "
10517	"	♀ "
10518	"	♀ "
10519	"	♀ "
10520	"	♀ "
10521	"	♀ "
10522	"	♀ "
10523	"	♀ "
10524	"	♀ "
10525	"	♀ "
10526	"	♀ "
10527	"	♀ imm. gray plumage. Ovaries well developed.
10528	<i>Calidris arenaria</i>	♂ "
10529	"	♂ "
10530	"	♂ imm.
10531	<i>Greenotus pusillus</i>	♂ ad.
10532	"	♂ "
10533	"	♀ "
10534	"	♀ "
10535	"	♀ "
10536	"	♀ "
10537	"	♀ "
10538	"	♀ "
10539	<i>Sterna antillarum</i>	♂ "
10540	"	♂ "
10541	"	♂ "
10542	"	♂ "
10543	"	♂ "
10544	"	♀ "

Clear and hot; wind east and light.  
Spent this my last day at Sullivan's Island with Wayne. There was a fairly large flight of birds although most of our shooting was done at low tide. There were numerous and several large flocks were seen. They did not seem to be migrating for they were passing both up and down the beach in equal numbers. There was a marked increase in the numbers of *Greenotus*, a slight falling off in those of *Ag. maculipennis*. Sawblow were more abundant than we have seen them before. There was one large flock of *Tringa a. americana*. I shot an adult female (*S. bassana*) in down plumage. It came over me only about ten feet high, flying along the beach. Its plumage was strongly downy in

1885  
May 22

Charleston South Carolina to Salisbury, North Carolina

A. M. clear & hot. Thunder showers in P. M.  
Left Charleston at 7.20 by the South Carolina R. R. Spent three hours at Columbia and reached Salisbury, N. C., about dark. The country from Columbia to the state line is high rolling but monotonous. Sandy oak-clad hills, dappled, barren-looking fields, pine woods of low growth. For miles there is absolutely no change. I heard *Icterus spurius*, *Mimus carolinensis* and *M. polyglottus* at Columbia, and *Tyrannus cafer*, *Myiarchus cinerascens* and *M. polyglottus* about ten miles north. At Pineville, N. C. heard the first *Spizella socialis*.

May 23

Old Fort, N. C., to Asheville, N. C.

At 6 A. M. found ourselves at Old Fort near the head waters of the Catawba River and directly at the foot of the mountains. Here we were detained several hours by an accident to a freight train that preceded us. With the Childs Bros. I walked up the track about a mile to the wrecked train and returned on it when it was repaired. The valley was picturesque and beautiful but within five or six miles. On the steep, rhododendron-clad hillsides that walked in the stream birds were very numerous and as a dove morning fog rolled away or dissipated under the influence of the birds, the air rang with their music. I noted thirty-seven species in all most prominent among which were *Icterus spurius*, *Myiarchus cinerascens* and *Myiarchus cinerascens* on the mountain sides and *Empidonax hammondi*, *Setophaga ruticilla* and *Vireo swainsonii* along the stream. Also heard a *Dendroica dominica* sing a dozen or more times in a belt of pines on a ridge. A full list of species noted will be found in my small local list book labeled "North Carolina".

We reached Asheville about noon and went to the Swannanoa Hotel. The afternoon was spent in unpacking etc. The country about Asheville is an elevated plateau, broken and rolling more or less cultivated but also sparsely wooded with hard woods & a few pines. The views of the distant mountains are very fine especially at the moment of writing this when the range to the south west is partially wrapped in a brown belt of clouds, the summits of a thunder storm that has just passed. From my window I can hear an Indigo Bunting chanting near, a Pewee's there has been just singing on the roof of a shed, in the distance a Mockingbird is rolling out a melody of sound, a Bluebird (singing) is uttering its loud call, and Chimney Swifts are coming about overhead precisely as in Charleston, only their numbers are fewer. Her songs to the birds were new to my ear for the most part not heard. Nor are any of them more so than that of a Robin singing a blithe and loudly as if this were Massachusetts instead of North Carolina.



1885

May 24

Sunday

## The Mountains of North Carolina

Asheville

Clear and cool with heavy thunder shown in P.M.  
Spent the day at the Hotel. In the evening drove out of town a mile or more and took tea at the Childs. A few observations recorded in my field book.

May 25

## Asheville to Webster

Alternately cloudy and clear with three heavy showers during the day. Left Asheville at 9 A.M. on the Webster branch of the Western North Carolina Railroad. At Durham we found a wreath down and the train was delayed there about five hours. During this time (when it was not raining) I rambled along the railroad for a mile or more and made careful notes of the birds seen and heard. The locality is a fertile valley, along Hoviney Creek. The steep hillides that wall it in were heavily timbered with hard woods with a dense undergrowth of rhododendron. Along the edges of these woods black locust and Drums cherries were in full bloom and in places glowing bits of orange, scarlet and yellow marked the position of the beautiful *Asplenium platyneuron* at its perfection. Near the wreath a hillside rose almost vertically to five hundred feet or more above the valley presenting the appearance of a solid wall of green foliage. On the crest of the ridge were scattered pitch pines (*Pinus*?), in the valley of fine apple orchards. Trees were fairly numerous, along the stream *Mimus carolinensis* and *Dendroica aestiva* being the characteristic species, on the hillides *Vireo olivaceus*, *Junco amicabilis*, *Parus ustulatus* etc.

After the wreath was repaired we started on but a few miles further we again stopped a wreath 97 ft. high having been demolished by the recent heavy rains. Here we had to cross on foot to the train on the other side. Passing Pigeon Run and Waynesville the cars climbed a steep mountain side to Balsam Gap, descending an equally steep slope beyond. The character of the woods changed but little during this ascent and at the highest point we saw none of the southern Coniferae except *Pinus strobus* which was growing sparingly in the woods and a few *Abies nigra* got out about the houses. The true fir & spruce belt is much higher - or above 5000 ft.

We left the train at Sylva and were driven to Webster a distance of four miles. Here we passed the night.

The country about Webster is rolling and varied, ridges, rather wooded or under cultivation, sloping steeply down to narrow valleys. The timber is chiefly of deciduous trees with a few scrubby hard pines. The land is rather fertile, the soil clay of a deep blood-red color. There are occasional fields of red clover in full bloom. The familiar valley birds are Bluebirds, Purple Martins, Bewick's Wren, Red-eyed Vireo, Yellow Warbler, Carolina Wren, Indigo Bunting, Great-crested Flycatcher etc.

1885

May 26

## The Mountains of North Carolina

Webster to Franklin

10543

10546

10547

10548

10549

10550

10551

*Pencaia bachmani* - Suck.*Myiodynastes virens* - Suck.*Parula americana* - Suck.*Mniotilta varia* - Suck.*Dendroica pennsylvanica* - Suck.*Empidonax alpestris* - Suck.

Shot on the outskirts of Franklin, all but the *Pencaia* on the edge of a swampy run.

*Dendroica blackburni* - Suck. Cove Gap. Oak & chestnut woods at night.

Clear, with heavy showers in P.M. Very hot.

Starting at about 8 A.M. we were down on our way to Franklin. The road for the first ten miles followed the course of a stream, now winding with its many turns now ascending a steep rise to descend again into a narrow valley where the water sped swiftly between alder fringed banks or formed and oiled over rocky shallows. The soil was red, sticky clay and one horse labored badly. At length we reached the crest of the Cove Mts. and for four miles or more the road zig-zagged upward through noble forests of oak, chestnut, black walnut and tulip trees until we reached Cove Gap on the crest of the divide. From here there was an equally steep descent about 7 the way to Franklin which was reached about 3 P.M.

There was little change in the bird fauna from the foot of the range to the top. Here I heard *Dendroica aestiva* to 3000 ft., *H. chrysoparia* to 2800 ft., *Petaria virens* to about 2700 ft. One new bird appeared at 2700 ft., however, and rapidly increased in numbers as we climbed upward. This was *Dendroica blackburni*. On the crest of the ridge it fairly swarmed in the oak and chestnut timber (there were few songsters more than humbirds) the males in full song. I am satisfied that it was already breeding there for the forests were in nearly full leaf. In the country to the base of the mts. *Stelgidopteryx serripennis* was abundant and generally distributed especially in second growth forests of oaks etc.

Later in the afternoon I took a short walk outside the town and shot the birds catalogued above. They were all killed in a sheltered ravine down which flowed a clear stream fringed with rhododendron. It was a pretty spot with its cool shade, rushing water, and clusters of orange and scarlet azaleas blowing among the dark rhododendrons. There were no mosquitoes or flies to annoy us and the memory of this experience will long linger as a peculiarly happy one.

Franklin is a pleasant town with its broad streets overcast with cottonwoods, its distant mountain views, and its generally quiet, rest to my sleeping, effect.

1885

May 27 Wednesday

The Mountains of North Carolina.  
Franklin to Highlands.

10552. *Dendroica blackburni*, ♂ ad.  
 10553. *Sitta carolinensis* ♂ "  
 10554. *Vireo solitarius alticola* ♂ "  
 10555. " " " ♂ "  
 10556. *Thinus carolinensis* ♂ "  
 10557. *Turdus migratorius* ♀. Singing. Valley of Sugar River. Exam. in morning.  
 10558. *Turdus migratorius* ♂. Incubating. Gullasoga Falls.  
 10559. *Turdus migratorius carolinensis* ♀. Highlands. feeding young. Exam. in morning. 10559a. 10559b. 10559c.  
 10559b. *Parus carolinensis* ♂ ad. MORRIS ADAMSON, MUSEUM, WASH. D. C.

267% ad. *Thryomanes bewickii*. Nest 6 eggs 2 broken (lost). Nest in ground under shed. Eggs fresh. Taken about a week before this date and given to me by Mr. Davis.

Cloudy with a steady pouring rain all day, the mountains wrapped in mist. He left Franklin at 9:30 a.m. and reached Highlands at about 4 P.M. taking lunch by the way in a little unfinished church where we found a second shelter from the drizzling rain. The road for the first six or eight miles followed a winding stream and was comparatively level. Then began the ascent of a steep mountain where for hours the horses plodded on at a snail's pace and our party encased in rubber defied the weather as well as possible. We heard few birds of course but when near the summit the rain ceased and the birds came out, for a moment and awakened the dormant woodland life into its maximum activity. Then the interest began and very few moments added some unexpected species to my list. The timber on the mountain sides was chiefly deciduous trees, oaks, chestnuts, beeches, and tulip trees preponderating, and many of the trees of large size and grand proportions. The ground beneath was mostly entirely free from undergrowth being burnt over recently to improve the cattle ranges which extend all over this mountainous. It was generally so smooth and free from rocks that a horse could have been ridden anywhere without trouble. The flying up to 2800 ft. was nearly full, above that half out to 3500 ft. when we entered groves of oaks and chestnuts just starting or were peeped by grass. After a visit to the beautiful Gullasoga Falls I spent an hour or so collecting in the woods near by. At the Falls I heard the first *Contopus borealis*. In the immediate rhododendron bordering the river Canada Flycatchers, Wilson's Thrushes, Wood Thrushes and Black-throated Blue Warblers were singing. In the green hardwood timber above I found *Dend. blackburni*, *D. permyzomys*, *Sporophila varius* (a pair, breeding), *Vireo solitarius*, *Hylocichla ustulata*, *Contopus virens* etc.

Upon reaching the top of the plateau on which Highlands is situated we saw the first *Juncos*. As we whirled rapidly along the smooth road through open park-like oak woods, *Geothlypis*, *Geothlypis* and *Solitary* birds were singing on all sides. In the evening Robins were singing everywhere & *Hylocichla ustulata* in the

1885

May 28

The Mountains of North Carolina.  
Highlands.

10560. *Turdus mustelinus*. ♂ ad. Shot on nest. Set of 4 eggs.  
 10561. *Hylocichla ustulata* ♂ ad. Shot on nest. Set of 4 eggs.  
 10562. " " " ♂ ad.  
 10563. *Vireo solitarius alticola*. ♂ ad.  
 10564. *Cyanospiza cyanea* ♂ ad.  
 10565. *Sporophila varius* ♀. Incubating.  
 10566. *Turdus migratorius carolinensis* ♂ ad.  
 10567. " " " ♀. Type.  
 10568. *Contopus borealis* ♂ ad. Shot from swamp. with mate.

148 1/2

*Turdus mustelinus*. Nest in rhododendron - Height 3 ft. 8 sitting & shot. Eggs only taken - fresh.

A M. clear with cool and rather high wind.

Walking at daybreak I heard a glorious burst of bird music through the open windows of my bed room. *Turdus migratorius*, *T. mustelinus*, *T. fuscescens*, *Thryothorus bewickii*, *Spizella pusilla*, *Hylocichla ustulata*, *Cyanospiza cyanea*, *Contopus borealis*, *C. virens*, *Thinus carolinensis*, *Sitta carolinensis* and *Philo. cythopterus* being the most prominent voices.

Immediately after breakfast we started on horseback for Whitesides, a neighboring mountain of about 5000 ft. elevation. The road after leaving the village plunged down a steep slope and entered a superb rhododendron swamp where many of these shrubs attained a height of 25 ft. They grew in such tangled thickets that it was impossible for anything larger than a cat to get through them and their glossy evergreen foliage presented the appearance of a solid wall of dark green, semi-tropical in aspect. They formed the undergrowth of a forest of superb hemlocks many of which were three or four feet in diameter and seventy or eighty high. The ground beneath was a spongy morass carpeted with green moss (*Sphagnum*?) and rich in beautiful ferns. In this place the character of the birds was *Dendroica fuscescens* (hundreds, making the air ring with their music), *T. mustelinus*, *Dendroica caerulescens* (hundreds singing incessantly), *T. permyzomys*, *Myio. liochis cana densis*, *Sitta ustulata* (one singing), *Juncos hiemalis*, *Chondestes f. americanus* (one), *Sitta canadensis* (two), *Dendroica blackburni* (singing everywhere in the tops of the hemlocks) and an occasional Jay screaming overhead or a *Hylocichla ustulata* uttering its ringing call in the distance.

Going through this swamp I rode to the top of an oak ridge beyond, a slightly place where the mountain dropped off a thousand feet on the eastern side. In these woods I found *Sporophila varius*, *Peis. villous*, *Adelphi. amatus* (numerous), *Cyanospiza cyanea* (abundant), *Cyanospiza cyanea*, *Vireo solitarius* (abundant & the only large), *Hylocichla ustulata* (abundant), *Pyrenop. rubra* (several), *Sturnus arideus*, *Boonasa umbellata* (one).

Returned to dinner, rode up Cistola in the P.M. getting drenched on our return, and in the evening rode out to Mr. Rowlands to see

The same section this day. Birds very numerous in the morning. Heard in the night that the birds were in the woods.

The town of Highlands is situated on a nearly level plateau elevated about 4000 ft. above the level of the sea. The town is situated on the edge of the plateau. The town is situated on the edge of the plateau. The town is situated on the edge of the plateau.

The Mountains of North Carolina.  
Highlands to East La Porte, Truckee River

10569. *Dendroica blackburniana* Sad.  
 10570. *Ceithia fenn. americana* ♂ } A mated pair killed at one shot, the ♂ feeding the  
 10571. " " " ♀ } ♀. The ♀ incubating. Hemlocks.  
 10572. *Talia talis* Sad.  
 10573. *Myi. migratoria* Sad. Oak woods miles from any clearing.  
 10574. *Pipilo erythrophthalmus* Sad. Lis red. Incubating.  
 10575. *Hydromus ludovicianus* ♂"  
 10576. *Pyraura rubra* Sad.  
 10577. *Opis solitarius alticola* ♂-d. " "  
 10578. *Peis villosus auduboni* Sad.

For the most part clear with a heavy shower in forenoon. Leaving Highlands at 9 A. M. we drove to East San Pate which was reached about sunset. The road was an almost continual descent and for about six miles below Hamburg, steep, rocky, and dangerous, barely six inches of ground often being all that separated our winter wheels from the brink of precipice with the great aspen rivers roaring and rushing in white foam over the 4000 ft. hundreds of feet below. Throughout this stretch the scenery was simply superb, the picturesque river, the vertical forest clad walls of the cañon, and innumerable picturesque falls, rhododendron clad banks, and grand old woods multiplying the attractions and giving a never ending variety to the landscape. The forests were the finest we have thus far seen. Many of the oaks and tulip trees exceeded six feet in diameter and with their thin, bit, column-like trunks and perfectly open grooved barks, recalled the forests of the lower Washburn Valley of Illinois.

The count of the day ornithologically speaking, was the sight of ~~four~~ Ravens, the only ones seen during the trip. The first winged its way across the road passing through the oak woods and finally alighting in a tree. This was at about 4000 ft. The other three were together in the woods a mile or two above Hamburg at about 3500 ft. One ascended high into the air then descended with half closed wings. The other two left their perches as we passed and flapped across the valley uttering their hoarse cr-r-ruck as they flew. All looked ominous.

There was a marked change in the bird fauna at about 3500 ft. where Catherpes borealis, Junco, Hylocichla, and Vireo olivaceus, Dend., Blackbird, Melospiza cinerea, Parus carolinensis, and Artibeus disappeared and the characteristic basal birds took their places.

We halted for the night at Pott's a real little tumble down  
hamlet in a lovely valley where we were entertained to the best of our  
hosts' ability. At sunset Brown Thrushes, Chats, Cardinals, Field Sparrows,  
and Barns Swallows were singing. After dark a Whippoorwill began.

1885,  
May 30

The Mountains of North Carolina.  
 Exit 70a Porte to Asheville.

10579. *Dendroica lonchica* - 8 ad. }  
 10580. " *aethiva* " 7 " }  
 10581. *Vireo olivaceus* 8 " } Sylva altitude about 2000 ft.  
 10582. " *horreorivansi* 8 " }  
 10583. *Cassinia virginiana* - 8 - }

Wear used the rose bay willow, & in

Leaving Falls at 7 A. M. we drove to Sylva and took the 11 A. M. train for Asheville which was reached at 3 P. M. The drive was comparatively uninteresting after what we had previously seen but still the level road following the winding of the hillside was far from commonplace. Growing at frequent intervals along the banks of the river was a small tree bearing a cloud of white seed extremely fragrant blossoms. Perhaps our driver called it the white ash which, of course, it was not despite the fact that its general appearance, aside from its flowers, was ash like.

The river at this point was about 200 yds wide, its banks fringed with alders, black willows, sycamores, ~~benches~~, water oaks and persimmons. In these thickets *Dendroica aestiva*, *Mimus carolinensis*, and *Empidonax* ~~alpestris~~ were the most numerous and characteristic species. There were also many Cardinals and occasional Carolina Wrens and I heard two *Sialia mexicana*, elevation about 2250 ft. We hiked at least 12 H. days after

At Sylva I had a spare hour before the train was due so I took a short walk along the track. On a dead tree top over the river were about twenty Cedar Birds and nearly as many *Chrysomitris tristis*, the latter in full plumage. Watching a steep hill side covered with oaks, and interspersed with an occasional hard pine I found only two obvious, *Haemaphysalis rufus*, *Sphyrapicus bicolor*, *Parus carolinensis* and *Myioborus carolinensis*. I also shot a single *Dendroica dominica* which was sitting in the top of a pine glimmering itself. I heard what I took to be another chipping but could not find it.

Returning to the birds the birds I found there haunted by *Dendroica aestiva*, *Geothlypis trichas*, *Piranga olivacea*, *Vireo gilvus*, *Sitta carolinensis*, *Turdus migratorius* and *Carpodacus mexicanus*. In the neighboring fields *Lanius excubitorides* were singing.

As the train stopped for a moment was visible  
I distinctly heard Parula americana singing in some oak  
woods.

This indeed one of the pleasantest of conditions I  
have ever undertaken.

In the Lichadzege Mts. I noted by the roadside  
a w. wood (*V. americana*) with many purple flowers; on a tree  
sprouting and climbing the smaller trees, this w. long plant, seen to be,  
resemble the w. wood (a flower). Red recept. in a. in plants.







1885

June 2

Mountains of North Carolina  
Black Mountain.

only at the cost of a hard climb.

Upon ~~exploring~~ the mountain side for about half a mile above the camp I found the woods mainly composed of *Abies* with a few *A. fraseri* and a plentiful sprinkling of yellow birches. The mountain side was steep, the ground heavily carpeted with yellowish-green sphagnum mosses.

In these woods *Dendroica virens*, *Sitta canadensis*, *Junco hiemalis* were abundant; *Myiodynastes canadensis*, *Parus atricapillus* and *Geothlypis trichas*, common; I also heard one *Geothlypis hiemalis*, and *Chrysomitris tristis*, two *Ch. pinus*, and then flocks of crossbills, (*Loxia americana*); Near the clearing I saw *Geothlypis trichas* (one), *Junco solitarius* (one), and several Chimney Swifts taking one the woods. Red Squirrels were here abundant, chattering on all sides precisely as in our northern wood. *Tamias striatus* was also present but much less numerous than in the harder timber lower down. There were many butterflies chiefly *Papilio leucurus* and *P. idaeus* but all belonging to familiar Massachusetts species. I half expected to find the white-banded species so common in the White Mts. but it was apparently absent.

Returning to camp and eating a hurried breakfast, I loaded my mare and was soon on the way to the summit. For about a mile and a half the path wound its way upward usually in zig-zags after the usual fashion of trails in this region. It was walled in by young firs and spruces while the larger trees of the same species cast a dense gloomy shade scarcely penetrated by a shaft of sunlight. The air was cool damp and bracing the woods sombre and for the most part silent for birds as a rule were few and far between here. The characteristic species proved to be *Junco hiemalis*, *Sitta canadensis*, *Geothlypis trichas*, all abundant; *Parus atricapillus*, *Catherpes americana* and *Dendroica virens*, common; *Myiodynastes canadensis*, two males; *Indes migratorius* one at 5700 ft.; *Pinus villosa*, one at 5600 ft.

Upon reaching the summit I found myself on a long narrow ridge stretching miles away on a nearly perfect level and rarely more than twenty yards in width. On this ridge rise several peaks elevated from four to six hundred feet above the general elevation of the ridge which is close on 6000 ft. (my aneroid made it 5950 ft.). For the last half mile I noticed a gradual deterioration in the view, as fir and spruces and on the summit of the ridge they were, on a perfectly horizontal plane being only forty feet high and twelve inches in diameter. Black spruces predominated with now and a large admixture of balsams then was seen elsewhere. There were also many yellow birches and an occasional rhododendron. Many of the trees were dead and bleached, in places standing in groups, in others prostrate and heaped on one another in tangled masses, with vigorous young saplings growing up to conceal the ruin beneath. The ground was rough and rocky but rocks, boulders, logs and crevices were alike carpeted with the yellowish-green

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June 2

Mountains of North Carolina  
Black Mountain.

sphagnum soaked with water by the recent rain. Even for the presence of an occasional rhododendron these woods were precisely similar in appearance to those opposite the half way House on Mt. Washington. They were inhabited by similar birds also although bird life was less abundant here and the species found represented by but few individuals. Thus on the crest of the ridge I noted only a few juncos, three *Parus atricapillus*, four *Ammodramus*, one *Myiodynastes canadensis*, one *Catherpes*, and a number of *Sitta canadensis*. A small *Buteo* which I identified as *Buteo pennsylvanicus* was also seen sailing overhead. At this altitude there was but one bird which would not be met with in northern New England, viz. *Catherpes aura* which was often in sight sweeping one easy rising high over the enormous peaks of the range. Both the thick-billed and snail are also said to occur numerously over the entire range.

Of mammals we saw nothing besides the two squirrels but I found the last of a large buck in the snow on the ridge and my guide pointed out the foot print of a small bear (probably a cub only a few days old) in the snow in the path. The Canada Lynx (called Catamount here) is said to be found sparingly on the higher mountains where it replaces Lynx proper of the valleys. The Puma also ranges over all the mountains but is rare.

At about 10 A. M. we started down the mountain. On the path to our camping place of last night I shot a small willow, a regular *Salix* and a fine red squirrel. Below our camp nothing but a *Pinus solitarius*.

We reached the Glass's at noon and after dinner started for Asheville where we arrived about six o'clock. The return drive down the valley to the town was charming for the river was at its loveliest in the clear afternoon light and long runways from the mountains stretched over the fields of grain and the emerald meadows bordering the stream. The birds were singing freely and there was a delicious ripe, mellow quality in the air such as we occasionally notice in New England in October. Altogether it was a fresh picture - such a picture in fact as no one found of nature could look on without a new sense of enjoyment. It was a fitting close of a delightful and successful trip for with this day ended my season in North Carolina. The 3<sup>rd</sup> was spent in stammering birds, packing etc. and on the evening of that day I started for the North. Nothing of interest happened by the way except that about sunset of the 4<sup>th</sup> while on train west, waiting on a siding about four miles from Monastash, Virginia, I saw several *Artibeus batrachus* in a large grassy field near the track. Reached New York on the morning of the 5<sup>th</sup>, Boston on that of the 7<sup>th</sup>.



1885.

A systematic list of the birds found, or reported on local authority to occur, in the Mountain Region of Western North Carolina. Based on observations made between May 23 and June 3, 1885.

1. *Turdus mustelinus*.—Abundant and generally distributed, ranging from the lower valleys to at least 4500 ft on the mountain sides. Birds everywhere but most numerous in the rhododendron thickets along streams whence its bell like note is heard issuing at almost every hour of the day. As a rule the song is less fine in this region than at the North. Two nests each containing four eggs were found at Highlands, one May 27 in a *Cornus florida*, the other May 28 in a rhododendron.
2. *Turdus fuscus*.—Abundant over the elevated plateau about Highlands and scarcely less numerous on Black Mt. ranging, in both localities, from about 3500 to 5000 ft. Like the Wood Thrush it haunted, by preference, the rhododendron thickets along streams and in many of these tangled retreats was far more numerous than I have ever seen it at the North. Its notes here varied somewhat from those of our New England bird being sharper, louder and more penetrating. The song, also, was louder, more varied and in every way finer. On Black Mt. at, and a little above, 5000 ft. their Thrushes were breeding abundantly in the dense evergreen forest of balsam and black spruce. Two specimens which I shot here are somewhat larger than Massachusetts birds and very much browner or less rufous. Cooper has repeatedly found the nest & eggs at Highlands, usually in a fallen tree-top or on a mound in some brushy place.
3. *Turdus migratorius*.—Irregularly distributed from the lowest valleys nearly if not quite to the summits of the highest mountains. In the low country it seemed to be found only in or near the towns where it had all the familiar habits of our northern bird; but on the sides and summits of the mountains it occurred miles away from any house or clearing in the wildest possible places. I found it most numerous at Highlands and on Black Mt. between 4000 and 5800 ft. throughout the entire mountain region its song and notes seemed to perfectly normal. A female shot May 27 was laying. This with another specimen (a ♂ killed May 28) are smaller than northern examples but in other respects apparently similar.
4. *Mimus polyglottus*.—Apparently rare and very local in distribution being confined, of course, to the lower valleys. They were most numerous about Asheville where I saw perhaps three or four pairs.

## Birds of Western North Carolina

5. *Mimus carolinensis*.—One of the most numerous and generally distributed birds of the region, found almost everywhere up to about 4000 ft. but here, as elsewhere, most partial to the dense along streams. Voice, habits etc. normal.
6. *Harpagornis carolinensis*.—Much less numerous than the preceding but still rather common on brushy hill-sides in the valleys. I did not find it anywhere at an elevation of over 3000 ft. but was told that it occurs rarely at Highlands (4000 ft.).
7. *Sialia sialis*.—Very commonly and generally distributed from the lower valleys to about 4000 ft. Although often seen in extensive woodlands it seemed to prefer the vicinity of towns and houses where, undisturbed by the House Sparrow, it bred in boxes and displayed all that charming, familiar and confident which once characterized our northern bird. They were in full song everywhere during my stay.
8. *Poelipetla carolinensis*.—Met with only along the road between Water and Franklin and on the outskirts of the latter place where it was common throughout an extensive tract of post oak scrub.
9. *Regulus satrapa*.—Throughout the dense sombre forests of spruce and balsam covering the upper hills and ridges of Black Mt. above 5000 ft. this Kinglet was one of the most numerous and characteristic birds. The males were in full song at the time of my visit but as they kept high up in the matted tree-tops it was most difficult to get a sight at one. Indeed the single specimen which I secured cost more than a horse's persistent labor. This bird seems to be identical with northern specimens. We did either the notes or song present anything peculiar.
10. *Lophophanes bicolor*.—Generally distributed from the lower valleys to the upper edge of the hardwood forests on the mountain sides but nowhere very common.
11. *Parus atricapillus*.—Common in the balsam belt on Black Mt. where I secured four specimens. Its notes and habits seemed to be identical with those of the northern bird. It uttered the same ts-deey and came readily when I whistled an imitation. With most of the birds on Black Mt. it was exceedingly shy and I had the greatest difficulty in procuring specimens. Indeed they would usually fly as soon as they caught sight of me. The females killed were incubating.

Birds of Western North Carolina.

12. *Parus carolinensis*. Common and generally distributed ranging from the valleys to at least 5000 ft. and probably to the tops of the highest mountains. On Black Mt. I found it breeding along the lower edge of the Balsam Belt in company with *Parus carolinensis*. Its species possessing its characteristic notes and song. I first found June 2 at the foot of this mountain was in the end of a decayed fence-rail by the roadside. It contained six young, fully fledged and apparently large enough to fly. They presented a pretty picture with the circle of black head white heads peering out curiously from the entrance hole. The song of the adult is twice-dee-twee-dee. I heard one bird repeat it three instead of two times.
13. *Sitta carolinensis*. - Apparently rare. I saw only four in all, one at Franklin in the shade trees along the main street of the village, the other three at Highlands in open oak woodland.
14. *Sitta canadensis*. Throughout the Balsam Belt on Black Mt. from its lower edge to the top of the ridge this bird was more abundant than I have ever known it elsewhere. Whenever I climbed in my horse to higher levels around its shrill, nasal, whining call was sure to be the first sound that came to my ears, and often three or four could be heard at once. The birds themselves were usually invisible, high up in the tops of the mottled spruces but occasionally I would catch a glimpse of one hanging head downward at the end of a branch or scuttling along the trunk of a yellow birch. One of these birds a pair apparently had a nest for they repeatedly entered a hole in a short dead snag near the top of the tree. As nearly as I could ascertain they were feeding young. At Highlands I found a high pair in an extensive rhododendron swamp shaded by giant hemlocks. This better place was situated at an altitude of about 4000 ft. An adult ♂ shot on Black Mt. is indistinguishable from New England specimens.
15. *Certhia familiaris americana*. Common about Highlands and abundant in the Balsams on Black Mt. but nowhere found below 4000 ft. At Highlands they frequented hemlocks in the laurel swamps and girdled stubs bordering clearings. The female of a pair shot May 29<sup>th</sup> was incubating. The males were in full song everywhere. Their notes seemed to me identical with those of northern birds. My specimens are rather browner than those taken at the corresponding season in New England. Boynton has found the nest at Highlands - under a scale of worn bark.

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16. *Geothlypis ludovicianus*. Common in the valleys and found sparingly on the mountain sides to at least 4000 ft. Northern as numerous as in the coast districts of South Carolina.
17. *Geothlypis trichas*. - Confined almost exclusively to the towns where it is abundant. It is, in fact the house wren of this region and in some respects it is even more familiar and confiding than its better known relation. At Asheville it was breeding in such numbers that nearly every shed and outbuilding was occupied by a pair (see card for description of habits). I saw it outside the towns on only three occasions; the first on the road between Hobbsville and Franklin, when one was heard singing in oak woods several hundred yards from any house; the second at East Co. Port where a ♂ sang several times at dinner in a field grown up with scattering *Vaccinias*; the third on the way to Black Mt. where I found a pair of old birds accompanied by eight bob-tailed young in a brush-grown snake fence by the roadside. At Highlands Miss Davis gave me a nest with four fresh eggs (these were originally six) which she had found about a week previously in the ground under some loose boards and within a few yards of the house. The ♂ was singing at the time of my visit.
18. *Anorthura hiemalis*. - Met with only on Black Mt. where it was abundant everywhere above 5000 ft. in the Balsams. At all times of the day during my visit these lonely woods were filled with its exquisite melody which to my ear seemed even finer than that of our northern bird. Once or twice I caught a glimpse of one of the performers perched on top of a low stump (or moss grown rock but to my disappointment) failed to secure a specimen.
19. *Microtitta varia*. - Very common in the hardwood forests ranging to at least 4500 ft. (Highlands) song, normal.
20. *Helminthophila chrysophaea*. - Common in Jackson and Macon Counties from 2000 to 4100 ft. haunting open, dry oak woodland and second-growth hardwoods on the hillsides. In many such tracts it seemed to be the most abundant and characteristic species, while in others, apparently similar in every way, it was rarely seen with the males being usually in the tops of the highest trees and were invariably very shy. I did not detect the species anywhere in Buncombe or Gentry Counties. Song precisely as at the North.

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21. *Parula americana*.—Of irregular distribution and nowhere common. I heard a few at Old Fort, one on the banks of the French Broad near Ashworth (May 30), one at Franklin (shot) and several between Franklin and Highlands. All were in hardwood timber, <sup>kept</sup> well up in the taller trees, and in full song. At Highlands I found none although many of the trees there bore a beauty draping of *aspen* <sup>crust</sup>. Asheville where the species was found there was neither near *Tillandsia*.
22. *Dendroica aestiva*.—Abundant everywhere below about 2800 ft. especially along the banks of streams where it was far more numerous than in New England. Throughout the region its song was very different from that of our northern bird, so different in fact that I could not believe at first that it really came from the Yellow Warbler. It bore a strong resemblance to the song of the Nashville Warbler for which I at first mistook it.
23. *Dendroica caerulescens*. I heard the first Black-throated Blue Warbler on the crest of the Corner Range but missed at the time that it was a belated migrant. The following day however, while on a visit to Cullasaga Falls I noted others in the thickets bordering the river and from that point to Highlands many were seen and heard. About Highlands they were very numerous and in the afternoon *rhododendron* swamps along the path to Whiteoak Mt. literally humming. Boynton assured me that he heard them anywhere he visited these swamps in summer but he has never found the nest. I also heard a number on Black Mt. where they were also confined to the belts of *rhododendrons* along the streams but where rather curiously, they did not seem to sing above 4500 ft. none being found in the Balsams. The song is precisely the same as in Northern New England.
24. *Dendroica pennsylvanica*.—Very generally distributed being found everywhere from the lower valleys to about 4000 ft. It was nowhere numerous, however, and I rarely heard more than one or two in a day's drive. As in New England it frequented wood-sides especially such as were bordered by thickets of blackberry, hazel etc. its song was perfectly normal. It also occurred in *rhododendrons*.
25. *Dendroica blackburni*.—In Jackson and Macon Counties this Warbler was abundant everywhere above 3000 ft. but I heard only one in Yancey Co. on the side of Black Mt. at 3300 ft. In Macon Co. it fairly swarmed and about Highlands it was equally numerous and one of the very commonest woodland birds. It was found usually in oak woods interspersed with hemlocks but in greatest numbers in hemlock-*rhododendron* swamps & evidently bred in hemlocks. Song peculiar but still recognizable. Throat of ♂ pale yellow, underparts white.

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26. *Dendroica dominica*.—A ♂ singing at Old Fort May 23, another shot at Sylva May 30 the latter one of a pair which evidently had young, for they were chirping excitedly & anxiously in a pine (*P. rigida*). Specimen typical.
27. *Dendroica virens*.—Curiously enough this species seems to be exclusively Canadian in this region. At least I found it only in the Canadian belt on Black Mt. where, in the Balsams about 5000 ft. it was one of the most abundant birds. The song was perfectly normal.
28. *Dendroica discolor*.—Noted only at Old Fort where it was rather common in young second-growth and brush-grown pastures on the hill-sides.
29. *Spinus auricapillus*.—Abundant and generally distributed everywhere up to about 4500 ft. The open oak woodlands so prevalent in this region are in every way adapted to its habits and throughout there it was one of the most characteristic summer birds.
30. *Spinus molacilla*.—Of irregular distribution and nowhere common. In fact my notes record only four specimens, two at Highlands in *rhododendron* swamps, and two on the banks of the Kickapoo River between East Lake and Sylva. The latter occurred at an elevation of only 2150 ft. while one of the Highlands specimens was at about 4500 ft.
31. *Spinus fuscescens*.—Generally distributed in the valleys and along the mountain sides below 3800 ft. but everywhere an uncommon inconspicuous species often heard than seen. It occurred usually in rather open oak woodlands but was also found in the *rhododendrons*. Song normal.
32. *Geothlypis trichas*.—Rather common in the lower valleys especially in thickets bordering streams or meadows. Not observed above 2200 ft.
33. *Thula virens*.—Abundant everywhere in the valleys and lower slopes of the mountains up to 2200 ft.
34. *Myiodynastes virens*.—Found sparingly but very generally in *rhododendron* thickets along streams, ranging up to an elevation of at least 3800 ft. Song normal.
35. *Myiodynastes canadensis*.—Abundant everywhere above 3000 ft. in *rhododendron* swamps and about 5000 ft. (Black Mt.) in Balsam & Spruce woods. Its vertical distribution thus suits and overlaps that of the Hooded Warbler but I did not anywhere see the two in close proximity. Song normal.

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36. *Setophaga ruticilla*. Observed only a few times in the lower valleys where it haunted the wooded banks of streams. Probably not more than half a dozen specimens were seen in all. The song was perfectly normal.
37. *Vireo olivaceus*. Common and general, distributed being found from the lower valleys to at least 4000 ft. on the mountain. Its song was normal but the single specimen taken differs from any that I have ever seen in lacking the usual ash of the head and greenish suffusion over the back the entire upper parts being concolor and of a dull smoky brown. The bill also, is unusually slender. These peculiarities may be individual but it is probable that a good series of specimens may from them to be generally characteristic of birds from this region.
38. *Vireo gilvus*. Found only at Old Fort and along the Swainsona River between Asheville and Black Mt. In both localities it was common, especially in the belt of red birches, sycamores, and maples (*Acer rubrum*) bordering the Swainsona, where in places there a few notes might be heard ringing at the same time.
39. *Vireo flavifrons*. Not seen in either Buncombe or Haywood Counties but a few observed at Old Fort and many in Jackson and Macon Counties where it was rather common in open oak woodland on the mountain sides from the valleys (Franklin) to nearly the tops of the mountains (Highlands). The song was less rich and full than at the North but otherwise similar.
40. *Vireo solitarius*. One of the most abundant forest birds above 3200 ft. and in places actually more numerous than I have ever seen the Red-eye at the North. It was found exclusively in the open park-like oak and chestnut woods peculiar to this region where its ringing voice mingling with the rich music of the Grosbeak and Larkspoon was rarely still even at sundown. Its song was similar to that of *solitarius* proper but seemed to vary the more finer many of the notes being louder and more and the whole performance more continuous and less broken (Collesville Hill, Highlands, Black Mt.)
41. *Vireo noveboracensis*. Restricted to the lower valleys where it occurred sparingly and at rather wide intervals in thickets bordering streams. It was nowhere anything like as numerous as in the low country of the South and in fact was for the most part an uncommon bird. I noted nothing peculiar in either voice or habits and my single specimen exhibits no characteristics worthy of mention.

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42. *Empidonax carolinensis*. Very common everywhere especially along streams where they collected in small flocks alighting on the dead tree tops and launching out after flies over the water. On Black Mt. I found a pair apparently preparing to breed in some black sponges bordering a clearing at an elevation of about 5000 ft.
43. *Progne subis*. Common in most of the towns and villages breeding, after the usual manner, in boxes put up for their reception.
44. *Stelgidopteryx serripennis*. Common in the valleys and throughout the lower plateaus, nesting in ledges and clay banks exposed by railroad cuttings or bordering streams.
- Note. The Barn and White-bellied Swallows are apparently entirely absent from this region. I thought I saw the Barn Swallow once but could not make out of the bird.
45. *Pyranga rubra*. Abundant everywhere in hardwood timber ranging from the lower valleys to nearly if not quite 5000 ft (Black Mt.). Its song is normal, its call note chip-chir as in West England, not chip-prairie as in Southern Illinois.
46. *Pyranga aestiva*. It is probable that this Tanager extends more or less commonly and generally over the lower valleys and plateaus of this region but I found it only at Old Fort where it was apparently nearly as common as *P. rubra*, the two species being often heard singing in close proximity.
47. *Capodacus pyrrhus*. At Old Fort on May 23 I found the Redstart abundant, in full song, and apparently settled for the summer. Hence I at once assumed that it must be a common summer bird throughout the mountain region but to my surprise it was not afterwards met with although I searched for it in vain. In reviewing and formulating the results of the trip I am altogether at a loss to account for these facts. It is not possible that so loud-voiced and altogether conspicuous a species could have escaped detection in any of the places which I visited and then included every kind of country that the region affords. Either the bird is confined to a very few localities of which Old Fort is one or the individuals seen at the latter place were migrating a hypothetical arrival in view of the late date at which they were noted is, to say the least, improbable.

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48. *Loxia curvirostris americana*. Met with only on Black Mt. where several small flocks were seen skimming about over the balsam woods near the summit of the mountain. At Highlands I was told that it regularly appeared in winter about the outskirts of the town. I failed to secure specimens. Notes normal.
49. *Myiornis tristis*. Nowhere very common but generally distributed throughout the region ranging upward on the sides of the higher mts to an elevation of at least 5000 ft.
50. *Myiornis pinus*. - On the morning of June 2 I found these birds rather numerous near the lower edge of the balsam belt on Black Mt. at an elevation of about 5200 ft. I did not observe them above this point on Black Mt. nor indeed elsewhere but there can be little doubt that they are more or less common throughout the spruce and balsam forests that extend over the tops of the higher mountain peaks and ridges. Song & notes normal.
51. *Coturniculus passerinus*. - Several met with in broad, sandy, open grown fields near Franklin where they were in full song & evidently breeding. The species was not seen elsewhere.
52. *Spizella socialis*. - Abundant and generally distributed throughout the low country and found on the mountain sides where clearing occurred to at least 4000 ft.
53. *Spizella pusilla*. - Less numerous than the last species but of equally general distribution, occurring most frequently in steep, bushy grown pastures on the mountain sides but often in open oak and chestnut woodland. Its song differed markedly from that of our New England bird being as a rule higher, shriller and less melodious.
54. *Tunco hiemalis alleghaniensis* (New name). This new and very interesting race of the Common Eastern Snowbird was exceedingly numerous at Highlands and on Mt. Mitchell, and doubtless equally so throughout the region generally wherever the country is sufficiently elevated to suit its Alpine temperament. At Highlands it was found everywhere, flitting along the main fences that bordered the roads, twittering shyly in the tangled depths of the blood-red oaks, swarms, flitting up from the dry leaves that carpeted the ground in the open oak woodlands, and on the grassy, wind-swept summits of the mountains hopping about fearlessly among the horses or peering curiously at us, their riders. I saw young on May 29 and on the preceding day was shown a nearly completed nest in the south-easterly roots of a fallen tree on which the birds were then at work. On Black Mt. it was decidedly the commonest bird ranging

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- from an elevation of about 4800 to the summit, and found in equal numbers in the open hardwood forests below 5000 ft. and in the dense balsams above that altitude. In song, notes and general habits it did not differ appreciably from the form of New England. It is called "Snow-bird" by the mountain people who told me that it spent the entire winter in the lower or more sheltered valleys and returned to the mountain sides as soon as spring opened. Thus it is probably a local and virtually resident form straying rarely more than a few miles from the spot where it makes its summer home.
55. *Perisoreus*. A single specimen (♂) taken at Franklin was the only individual observed. It was living in an old field grown up to Passiflora Sprouts near the top of one of which it sat motionless pouring out its measured delicious music.
56. *Pipilo erythrophthalmus*. - Generally distributed but nowhere at all common. Its favorite haunts were thickets along wood edges and old fences. The song of the male was so fondly different from that of the New England bird but it varied so among different individuals and in different localities that the fact has little significance. I shot only one specimen a ♀ which had the eyes blood red.
57. *Cardinalis virginianus*. - Confined to the lower valleys where it usually found in thickets bordering streams. It was nowhere at all numerous and I do not remember to have ever seen more than two or three pairs in a day.
58. *Hylocichla lunifrons*. - I found this species only in the country about Highlands and on Black Mt. In the former locality it ranged from about 3500 to 4500 ft. in the latter from 3800 to 5000 ft. In both it was far more abundant than I have ever seen it at the North. Its favorite haunts were the open oak woodlands already so frequently spoken of. Here at all times of the day one was rarely out of hearing of its voice. The song did not seem to differ from that of our Northern bird but what a superb performance it is! so sweet, so rich, flowing, and withal so tender and plaintive. I know of no bird voice of freer or more feeling and sentiment. As with the Hermit Wren it is much unevenness in the performance of different individuals. The average bird is not satisfactory but very soon and then one meets with a finished singer and more rarely with a master. One of the latter I remember at Highlands. The sun was just setting and the bird perched in the topmost spray of a tall oak his rose-colored breast glowing in the strong light of sunset. Out his very soul in a rapid, delicious carol. I listened until the last down-bird had



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59. *Guiraca caerulea*. - I include this species with some hesitation, my only proof of its occurrence in the region being the fact that I saw a single female in an apple orchard near Asheville. The bird was at one time within a few feet of me, however, and there are no doubts in my own mind as to its identity.
60. *Cyanospiza cyanea*. - Abundant everywhere ranging to at least 4000 ft on the mountain sides. Especially numerous about the edges of clearing but also very generally distributed throughout the open woodland to characteristic of the region. Song and habits unusual.
61. *Agelaius phoeniceus*. - Confined to the lower valleys where very little meadow is seen to harbor a few pairs. As meadows, even of small size, are by no means numerous, however, these Blackbirds were seen in only a few places.
62. *Sturnella magna*. - Proof of the occurrence of this species at Highlands was afforded by two skins shown me by a lady living there. I also heard of the bird at several other places but did not meet with it alive. It is said to breed sparingly and to occur in large flocks in winter.
63. *Icterus spurius*. - Common in the lower valleys especially about towns where its rich flowing throat was frequently heard in the trees shading the public streets.
64. *Icterus baltimore*. - At Asheville this Oriole, although less numerous than the last species, was by no means rare. I usually heard two or three daily, either in the pine oaks that adorn so many of the cultivated grounds about the town or in the belt of vigorous and red oaks along the banks of the neighboring Swannanoa. At Highlands also I noticed a single unusually brilliant male which, I was told, was the only bird of its kind in the vicinity. Throughout the remainder of the region traversed I searched for the species in vain although I should not be surprised to learn that it occurs sparingly in other places besides the two first mentioned. Throughout the mountain region at large, however, it is certainly a rather rare and very locally distributed bird.
65. *Quiscalus purpureus*? Met with only at Asheville where a few pairs were breeding in a cluster of white pines in the heart of the town. Of course it was impossible to shoot any of them, hence the ? attached to the specific name which, possibly, but not probably, should be followed by var. *americanus*. As nearly as I could make out (and I was very near to a fine old hawk at one time) however, the form was true *purpureus*.

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66. *Corvus caninus*. - Common almost everywhere above 3000 ft. Below which altitude it is replaced by the Crow (*Corvus americanus*). Rather curiously the two species do not seem to mingle at least during the breeding season. At Highlands I was told that the Ravens were isolated corn or other crops but were very troublesome to poultry, killing the young chickens and turkeys. I was unable to obtain a specimen but those which I saw living looked unusually large. Their notes were precisely the same as at the bottom. They frequently occurred in the open oak woodland where they were usually perched by flocks, Robins and other small birds. They are said to breed on ledges. I did not meet the species anywhere in the lower valleys but Swannanoa, the Indian name of the beautiful little river at Asheville, is said to signify "the wish of the Raven's wing".
67. *Corvus americanus*. - Common in the lower valleys but nowhere seen numerous.
68. *Cyanocitta cristata*. - Common everywhere, ranging over the tops of the highest mountains, where I often heard its shrill whist in the dense cedars. It is most numerous, however, in the open oak woodlands on the sides of the mountains and over the extensive plateaus.
69. *Tyrannus carolinensis*. - Seen only about Asheville where a few were noted in the town and along the wooded banks of the river.
70. *Megascops crinitus*. - Common and very generally distributed ranging from the lower valleys up to an altitude of at least 4500 ft. Its favorite haunts were the open oak woodlands where its loud, penetrating voice was one of the most characteristic sounds.
71. *Tayonius fuscus*. - Common along streams in the valleys nesting usually, if not exclusively, under rocks and earth banks away from buildings. I did not see it anywhere at a greater elevation than 3000 ft.
72. *Contopus borealis*. - Over the extensive plateau occupying the extreme south-eastern corner of Macon County this flycatcher was not uncommon. As in New England it was usually found about the edges of clearings or along the borders of some mountain stream where, perched on the slender branches of some giant hemlock or pine it sang its loud and clear song in every direction. At Highlands several pairs were breeding (or preparing to breed) in a white pine swamp in the middle of the village. A specimen killed here is identical with New England ones. That our specimens



# Birds of Western North Carolina

73. *Contopus virens*. - In most of the extensive forests of the mountain region from the lower valleys to an elevation of about 4000 ft. one may occasionally hear the sad, plaintive woe of the Wood Pewee but the bird is nowhere numerous. I saw it most frequently in the open oak woodlands about Highlands.

74. *Empidonax acadicus*. - Everywhere below 3000 ft. this Flycatcher is an universal distributed and very common species. It is found in all sorts of ground - wherever there are trees and shade - but its favorite haunts are the dense rhododendron thickets along streams, where its abrupt, explosive wickety-up may be heard at all times of the day. It is here at elevation one of the tamest and least suspicious of the small Flycatchers but from its retiring habits and thick of sitting perfectly motionless among the foliage is often heard than seen.

75. *Empidonax minimus*. - Of local, but very general distribution, nowhere common. Thus a day rarely passed without one or two being noted but I do not remember to have ever found more than one pair in <sup>the same</sup> locality. They were usually met with in scrubby oak growth near streams and were invariably very noisy with notes and habits peculiar as at the north. The highest point at which the species was seen was about 4000 ft., the lowest 2000.

76. *Trochilus columbis*. - Rather common, ranging from 2000 to 5000 ft.

77. *Chaetura pelagica*. - This ubiquitous species which, in southern N. C. at least, seems to be entirely indifferent to climate, seasonings or elevation is more generally distributed over the region under consideration than any other bird except perhaps the Hairy Woodpecker. Thus I saw it at Asheville, Hesperia, Webster, Franklin and all the valley towns crossing nearly about over the village streets and house tops, on the Swannanoa and French Broad Rivers skimming close to the surface and occasionally dipping down to drink, circling over the oak woods on the mountain sides, and about their summits sweeping close over the tops of the thinned firs and rising high into the blue dome above so quickly lost to sight in the distance. As with the Woodpecker its unusual powers of flight doubtless enable it to traverse miles of space almost without thought or effort and the swift that at one moment whisks in the Swannanoa may be over a few moments later, hovering for this above the peak of Mt. Mitchell twenty miles away but the birds certainly breed as well as fly at various elevations for I saw them nesting in the town and also found a nest in a hollow oak near the top of Mt. Cistola.

# Birds of Western North Carolina

78. *Anthostomus vociferans*. - Apparently common everywhere below about 3000 ft. I heard it almost every night usually on scrubby hill-sides. At Highlands I was told that it occasionally but rarely visited the top of the plateau but that it could be heard regularly from the brink of the precipitous eastern edge striking hundreds of feet down in the valley below.

79. *Chondestes popetue*. - Rather common about Asheville. Not seen elsewhere although known to the mountain people generally under the name of bull-bat.

80. *Picus villosus*. - I saw a male shot in the dense spruce forest of Black Mt. at an elevation of 5700 ft. was the only specimen of true *villosus* met with although many Woodpeckers of the usual northern type were seen elsewhere. The specimen just referred to agrees closely with those I found except in respect to the red nuchal patch which is restricted to two short bars on the sides of the occiput the middle of the hind being brown and solidly black. The tint of the red also, is peculiar - a pale rose or salmon pink, not scarlet.

81. *Picus villosus auduboni*. - Rare, but seen occasionally at wide intervals from the lower valleys (Franklin) to an elevation of about 4000 ft. (Highlands). A specimen taken is identical with Florida representatives and very much smaller and darker than the example of true *villosus* above referred to.

82. *Picus pubescens*. - Rare. Seen only two or three times and no specimens obtained.

83. *Sphyrapicus varius*. - The distribution of this species in the region traversed corresponds exactly with that of *Contopus borealis*; that is it was found generally but rather sparingly over the plateau country in the north-eastern corner of Macon Co. but nowhere else. I shot two specimens, a male and female, both incubating. The male is a remarkable looking bird with the light areas of its entire plumage deep orange or yellowish brown instead of white or pale yellowish. This is probably a stain derived from contact with the walls of the nest cavity for the female - killed only a few miles away but belonging to another nest - is of the normal color and markings. Both are slightly smaller than two I found specimens.

84. *Hylotinus piliatus*. - Common and generally distributed from the lower valleys to about 4500 ft. on the mountain sides.

Birds of Western North Carolina.

85. *Melanerpes erythrocephalus*.— Only a single specimen in a grove of girdled trees near Highlands at an elevation of about 4000 ft.
86. *Colaptes auratus*.— Common on the mountain sides and plateaus between 3000 and 4000 ft. Not met with in the lower valleys. They were invariably very shy and I failed to secure even a single specimen a fact which I much regret for all that I saw looked unusually small and dark-colored.
87. *Ceryle alcyon*.— Only one met with— near the headwaters of one of the forks of the Tennessee River (the Gillespie or Hayes River)
88. *Coccyzus americanus*.— One at Franklin in the valley. The only specimen seen.
89. *Strix nebulosa*.— On Black Mt. at an elevation of about 5000 ft. I picked up a feather which unquestionably came from a bird of this species but whether its owner belonged to the Illinois strain or to typical nebulosa I am of course unable to decide on such fragmentary evidence.
90. Although I spent several nights in or near extensive forests I did not hear a single Owl. The mountain people say that they are silent at this season but very noisy during the late summer and early autumn. My described species of birds well known to them among which *Scops asio*, *Bubo virginianus* and *Strix* were easily recognizable.
90. *Falco peregrinus*.— Nearly every suitable ledge or cliff on the higher mountains is occupied by a pair of these noisy Falcons. The mountaineers say that the same birds return to breed in the same place many years in succession. They also ~~have~~ affirm that the immature birds regularly "go blind" in August when they become very thin and even die of starvation.
91. *Falco sparverius*.— I did not meet with this species living and doubt if it breeds at least regularly, in any part of the region traversed but at Highlands I was shown several wings and tails of specimens shot there the previous autumn.
92. *Accipiter fuscus*.— The remarks under the preceding species will apply closely to this which is my only evidence of its occurrence being a tail and wings in the possession of a gentleman at ~~Highlands~~.
93. *Buteo pennsylvanicus*.— Three specimens noted, a pair near Webster and a single bird on the summit of Black Mt.

# birds of Western North Carolina.

Note. The general scarcity - one might almost say absence - of Hawks in this region is simply unaccountable. Birds, mammals, snakes, lizards and other animals habitually upon which birds of prey depend are everywhere numerous, the country is wild and heavily forested, and in short all the conditions of environment which usually attract them are present, but the Hawks, for some mysterious reason, have all fled elsewhere.

94. *Aquila chry. canadensis*. - Rather common about the summits of the higher mountains and by no means unknown in the lower valleys where they often commit serious depredations among the young lambs, goats etc. I saw several pairs sailing about thousands of feet above the earth. The Bald Eagle is said to occur in winter.

95. *Cathartes aura*. - Common and universally distributed but nowhere seen in anything like the numbers in which it occurs throughout the south. It is said to breed in crevices in the cliffs near the tops of the higher mountains.

96. *Turdus carolinensis*. - A few seen near Asheville and others at Franklin, but it was apparently absent from the greater part of the region explored. The Wild Pigeon is said to occur in autumn in large numbers especially when beech mast is abundant.

97. *Colaptes auratus*. - Abundant everywhere throughout the region ranging freely over the highest mountains. It is said to breed quite as numerous in the Balsam forests at 5000 to 6500 ft. altitude as in the oak woodlands below.

98. *Bonasa umbella*. - I did not actually find the Ruffed Grouse at any point below 4000 ft. but above that altitude it was quite as common as in our northern woods, both at Highlands (within four miles of the Georgia line) and on Black Mt. During my stay on Black Mt. the males were drumming incessantly especially about sunset and I frequently heard four or five in different elevations at one time. They were very shy however, and I failed to secure a specimen but several plumes and tails which were shown me at Highlands were all of the light or old phase. The inhabitants everywhere know the bird as the Pheasant and claim that it is quite as numerous in the valleys as on the mountains. This is doubtless true during autumn and winter and possibly but not probably, in the breeding seasons. I saw a tail at Old Fort and was assured that the bird occurs there in some numbers. Let me know a hundred miles or more further eastward among the foot-hills it is said to be wholly wanting. You must go to the mountains.

# Birds of Western North Carolina.

99. *Atyp. virginiana*. - Abundant and found everywhere about the pinefields in the valleys, in the oak woodland on the mountain sides, and in the balsam forests that crown the higher peaks and ridges. On Black Mt. I killed three in a few minutes in the densest possible spruces where Winter Wrens, Snow-birds, Thrushes etc. were their nearest neighbors, and at daybreak next morning I heard them singing in all directions. My guide on this occasion assured me that he had seen them on the very summit of Mt. Mitchell (6588 ft.). The specimens just alluded to were large light-colored birds different in no appreciable character from very large and birds.

100. *Ardea herodias*. - A few seen occasionally along the French Broad.

101. " *crucialis*. - Several met with on the rivers in the lower valleys.

102. *Oxyechus vociferus*. - Said to breed in a swamp within the limits of Asheville. I did not see the species.

103. *Philohela minor*. - Said to breed in an extensive swamp near Asheville. A few are killed every autumn by sportsmen.

104. *Gallinago irrorata*. - Well known to the sportsmen of Asheville who get very good bird shooting in fall and spring in springy meadows near the town.

105. *Tringoides macularius*. - Found along most of the streams but nowhere very common. I have seen more a dozen in all.

106. *Porzana carolina*. - Occurs near Asheville in September, occasionally in considerable numbers. One gentleman assured me that during an early storm in 1883 he bagged twenty in one day in the meadows bordering the French Broad.

107. *Gallinula galeata*. - A barber in Asheville had a life specimen in a small cage on the sidewalk in front of his shop. It was taken about May 15 in a meadow some ten miles from the town and was tame and contented in captivity.

108. *Ardea herodias*. - Said to occur in small numbers in fall & spring (Asheville).

109. *Aix sponsa*. - A common summer resident breeding numerous along all the rivers.

110. *Podilymbus podiceps*. - At Highlands I saw the skin of one which had been killed in a millpond in the town the preceding autumn.

1885.

June 12

Middlesex County, Massachusetts  
The Maple Swamp (Fresh Pond)

10609. *Turdus fuscescens*, ♂ ad. DONE IN MICH. TO EAST. SOC. NAT. HIST.  
 10610. *Melospiza palustris*, ♂.  
 10611. " " ♂ "  
 10612. " " ♂ "  
 10613. " " ♂ "  
 10614. " " ♂ "  
 10615. " " ♂ "  
 10616. " " ♀ DONE IN MICH. TO EAST. SOC. NAT. HIST.  
 10617. *Agelaius phoeniceus*, ♂.  
 10618. " " ♂ "  
 10619. *Contopus virens*, ♂ "  
 10620. *Empidonax minimus*, ♂ ad.  
 10621. " " ♂ DONE IN MICH. TO EAST. SOC. NAT. HIST.

10622. *Tyrannus carolinensis*, ♀ with yellow crown-patch.  
 217/3 *Petophaga nuttalli*. - Nest 3 eggs and 1 of *Melospiza passeris*, all fresh. In bush. - height 4 ft.  
 Clear and warm.

Spent the morning in the Maple Swamp, entering it from the turnpike via Alewife Brook. I found it literally swarming with birds, especially Yellow Warblers of which I heard at least fifty males and (which I think have been driven out of Cambridge gardens and orchards (where they are now very scarce) by the English Sparrows. There were also many more Robins than formerly and I found them nests, and containing large young.

Mourning Thrushes, Cat Birds, Redstarts, Song & Swamp Sparrows, Red-wings, Least Flycatchers, Kingbirds, Wood Pewees etc. were in about the same numbers as of yore but I neither saw nor heard a single Rail of either species (I have found the nest of a Carolina Rail this season somewhere near the Glacialis), I saw one Green Heron but no Night Herons.

June 16

Concord and Lincoln

10623. *Coturniculus heslowi*, ♀ ad. incubating.  
 10624. *Pyrranga rubra* - ♂ ad. Matis. nest 3 eggs  
 10625. " " ♀ " taken by Chadburn  
 10626. *Hydromela ludoviciana* ♂ ad. Rose on shoulder } Lincoln  
 10627. *Contopus virens*, ♂ ad.  
 10628. *Hydromela ludoviciana* ♂ ad. - An uncommonly fine singer - Pine Hill road - Concord  
 10629. *Scalia vialis* - ♂ ad. Same Hill road - Concord.

Clear and intensely hot. Ther 95°

Took the 6.30 A. M. train to Concord with Chadburn. Rided a horn and buggy and drove down the turnpike to the large meadow thence to Lincoln and back through the sandy pond woods, stopping often to shoot and taking lunch and a swim at the pond. Birds & the houses or behind from the heat. Heard only a few Jays, Grackles, Vireos & other common species.

Back to Concord and up the Pine Hill road in P. M. Birds singing well but especially Grackles, Juncos, Wood Thrushes etc. Heard one Yellow-crowned Sparrow.

10630. *Dendroica aestiva*, ♂ juv. first fl. One garden, Cambridge, June 28. DONE IN MICH. TO EAST. SOC. NAT. HIST.

July 23-24 - Rye Beach, W. H.

July 25 - Princeton and North Rutland, Mass.

1885.

July 17

Middlesex County, Massachusetts  
The Maple Swamp, Cambridge

10631. *Dendroica aestiva* - ♀ juv. first plumage.  
 10632. " " ♂ " later first & full pl.  
 10633. *Geothlypis trichas* - ♀ ? " " " "  
 10634. " " ♀ " fall pl.  
 10635. *Chrysomitris tristis* - ♂ ad.  
 10636. *Minus carolinensis* - ♀ juv. first pl. DONE IN MICH. TO EAST. SOC. NAT. HIST.  
 10637. " " ♂ " " " DONE IN MICH. TO EAST. SOC. NAT. HIST.  
 10638. *Hydromela ludoviciana* - ♀ ad. molting & assuming fall pl.

34 Princeton - Rutland, Mass. Aug 2, 1885  
 35 The above-named birds were captured during a drive taken by Mr. and myself from Princeton to our farm in North Rutland and return. We found the Sparrows in their different places, all rather dry, but very much increased. The were singing with unusual vigor. The climate is now in bloom, the golden-rod just beginning, red-bellies and pincoons running along also, the chubs & willows clearing & the Red-bellied Larks with ripe fruit.

July hot day. Ther. 90°

Swamp from 8 to 11 A. M. Birds much my last visit (June 12) but still plenty of them, Song and Swamp Sparrows, Robins etc. usually diminished in numbers and I saw and a May adelt or two. From my narrow pond I flushed a Green Heron. A Night Heron from somewhere outside maple near me and I saw that it was

plus I saw a ♀ *Hydromela ludoviciana* sing. The latter kept concealed in the DONE IN MICH. TO EAST. SOC. NAT. HIST. and not get a shot at either. They made a tall den on Sparrows thicket. It has changed materially since my former visit is about a foot high covering in dense beds, the openings were filled in but there was few other flowers.

Rye Beach N. H. July 23-24. 1885

Note. The woods about Rye Beach show a curious mixture of Canadian and Appalachian flora. The red oaks, white and white pine, red maple, striped maple, black, yellow birch, gray birch and hawthorn (*Crataegus*) are common. Black Spruce and balsam poplar grow sparingly in the pastures and in great numbers in certain swamps when they represent about the upper growth. The dwarf conifers are abundant.

1885

June 12

Middlesex County, Massachusetts  
The Maple Swamp (Fresh Pond)

BOST. SOC. NAT. HIST.

10609. *Turdus fuscescens*, ♂ ad.  
10610. *Melospiza palustris*, ♂.  
10611. " " ♂ "  
10612. " " ♂ "  
10613. " " ♂ "  
10614. " " ♂ "  
10615. " " ♂ "  
10616. " " ♀ "  
10617. *Agelaius phoeniceus*, ♂.  
10618. " " ♂ "  
10619. *Contopus virens*, ♂ "  
10620. *Empidonax minimus*, ♂ ad.  
10621. " " ♂ "  
10622. *Tyrannus carolinensis*, ♀ with yellow brown patch.  
2177/3 *Petrophaga ruficollis*. - Nest 3 eggs and 1 of *Melospiza fasciata*, all fresh.

Clear and warm.

Spent the morning in the Maple Swamp, on Turnpike via Alewife Brook. I found it littered with birds, especially Yellow Warblers of which I hear males and which I think have been driven out of orchards (where they are now very scarce). There were also many more Robins than former nests, all containing large young.

Wilson's Thrushes, Cat Birds, Redstarts, Song & Least Flycatchers, Kingbirds, Wood Pewees etc. were everywhere as of yore but I neither saw nor hear either species. I found the nest of a Carolina near the Glacialis. I saw one Green Heron but

June 16

## Concord and Lincoln

10623. *Coturniculus heslowi*, ♀ ad. incubating.  
10624. *Pyrranga rubra* - ♂ ad. (Mater. nest 3 eggs)  
10625. " " ♀ " taken by Chadborn  
10626. *Hydromela ludoviciana* ♂ ad. Rose on shoulder  
10627. *Contopus virens*, ♂ ad.  
10628. *Hydromela ludoviciana* ♂ ad. - An uncommonly fine singer - Lin.  
10629. *Scalia socialis* - ♂ ad. Lincoln Hill road - Concord.

Clear and intensely hot. Ther 90°.

Took the 6.30 A. M. train to Concord with Ch and Buzz and drove down the turnpike to the lake to Lincoln and back through the sandy pond woods and taking lunch and a swim at the pond. We from the heat. Heard only a few Song, Wood Thrushes, Kingbirds, etc.

Back to Concord and up the Lincoln Hill road in P. L. especially Wood Thrushes, Tanagers, Wood Thrushes etc. Heard one *Dendroica aestiva*, ♂ juv. first pl. on garden, Cambridge, June 28.

July 23-24 - Rye Beach, N. H.

Aug. 2 - Princeton and North Rutland, Mass.

1885

July 17

Middlesex County, Massachusetts  
The Maple Swamp, Cambridge

10631. *Merula migratoria* - ♀ juv. first plumage.  
10632. " " ♂ " later first & full pl.  
10633. *Geothlypis trichas* - ♀ ? " " " " "  
10634. " " ♀ " fall pl.  
10635. *Chrysomitris tristis* - ♂ ad.  
10636. *Mimus carolinensis* - ♀ juv. first pl. DOES IS EXCH. TO BOST. SOC. NAT. HIST.  
10637. " " ♂ " " " DOES IS EXCH. TO BOST. SOC. NAT. HIST.  
10638. *Hydromela ludoviciana* - ♀ ad. molting & assuming fall pl.

Clear and an intensely hot day. Ther. 90°

In the Maple Swamp from 8 to 11 A. M. Birds much less numerous than during my last visit (June 12) but still plenty of Cat Birds, Maryland Yellow throats, Song and Swamp Sparrows, Robins etc. The Yellow Warblers had materially diminished in numbers and I saw only three broods of young and a single adult or two. From the maples bordering the long, narrow pond I flushed a Green Heron and a passing train started a White Heron from somewhere outside. The latter alighted in a maple near me and I saw that it was an adult bird.

In the taller maples I saw a ♀ *Hydromela ludoviciana* accompanied by two young. The latter kept concealed in the dense foliage and I could not get a shot at either. They made a noise precisely like that of a young Purple Finch. I saw another afterwards in the top of a tall elm on Sparks Street.

The Maple Swamp has changed materially since my last visit. The *Impatiens fulva* is about a foot high covering much of the ground in dense beds. The openings were filled with milk-wed in bloom but there were few other flowers.



1885

Aug. 14.

10639.

10640.

## Point Lepreau, New Brunswick.

*Dendroica pal. hypochrysa* ♂ juv. first pl. } With junco on barrens sparsely covered with  
 " " " " " " } thicket. Spruce. Four seen, all young.

W. C. and E. R. I. left Boston Aug. 10 by steamer "State of Maine" for St. John which we reached the afternoon of the 11<sup>th</sup>. Spending the 12<sup>th</sup> there we came to Point Lepreau on the 13<sup>th</sup> (by cars to Musquash where G. H. Thomas met us with a double-seated wagon). Special lists of the birds seen at Musquash, and on the drive from Musquash to Point Lepreau, as well as afterwards at the Point, will be found in my pocket note book labeled "Point Lepreau, N.B."

A deer, for which we had been looking since we arrived yesterday, continued through to-day. Nevertheless I took a short tramp over the barrens this afternoon and saw a number of birds. All seemed to be resident summer species and the majority were young in first plumage accompanied by their parents, usually forming small flocks comprising several species of Warblers and Sparrows. They were in thickets of young balsam & spruce and in thicket alders.

Aug. 15

10641.

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*Dendroica palmarum hypochrysa* ♂ juv. first pl.

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*Geothlypis trichas* ♂ juv. full pl.

*Myiodesops can. leucis* ♀

*Dendroica virens* ♂ ad. moulting.

*Zonotrichia albicollis* ♂ juv. first pl.

Clear with cool north wind.

Spent the morning on the barrens east of the house and found birds numerous, mostly in mixed flocks composed of individuals several were seen. There were a few unmistakable migrants, however, such as Swallows (three species), Swifts, Hawks (*A. cooperi* at present), and at evening, numbers of Chordeiles. All these came from the eastward and after skimming about awhile over the point passed on one the sea towards Eastport. A Limestone alighted on the rocks for a moment.

Aug. 16

Sunday

Clear and warm (72° at noon) with cool n. east wind.

There were several new crows on the point this morning evidently migrants that had dropped in overnight. Thus I started a *Myiodesops can. leucis* in the vegetable garden, a *Lanius borealis* from the grass on the edge of the cliff, and saw, in the spruce just back of the house, a young ♂ *Miniopterus* in *Spizella* fresh but perfect black and white full plumage. He was so tame that I almost caught him in my hand. One cat actually caught a *Columba* but on being set upon by the dog dropped the bird which flew off to the woods where I heard and saw him at intervals during the forenoon. There have been many scattered water-pool about both yesterday and to-day, chiefly *Miniopterus* *verreauxi*, *Adelania americana*, and *Colaptes auratus*. They float idly on the glassy sea, or dive for food in sheltered coves close in to the rocks. It was late, both night and day, Great Blue Herons came to the Point and stalk about over the rocks, fishing in the tide pools. Many Herring Gulls fishing

1885.

Aug. 17

10649.

10650.

## Point Lepreau, New Brunswick.

No birds positive, & just shot at dusk while searching for one in potato field.

Clear with cool north wind.

Spent the day about the house taking two short walks back over the barrens. No land birds except a few Sparrows and juncos and a small flock of *H. coronata*. Herring Gulls and Loos flying all day to the westward, the former in good numbers.

Aug. 18

10651.

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*Zonotrichia albicollis* - ♂ juv. winter first & fall pl.

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Aug. 19

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*Dendroica pal. hypochrysa* ♂ juv. first pl. - fed by parent. Spruce of junco

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*Zonotrichia albicollis* ♀ ad. worn breeding pl.

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*Helospiza meloda* ♂ juv. first pl.

*Junco hiemalis*... ♀ " " " " " "

*Holothurus pecoris* ♀ " " " " " "

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1885.

Aug. 20

10659. *Helminthophila ruficapilla*. ♀ ad. changing to fall pl.  
 10660. " " ♂ juv. fall pl.  
 10661. *Dendroica maculosa*. ♂ juv. fall pl.  
 10662. " " ♀ " " "  
 10663. *Coccyzus erythrophthalmus*. ♀ juv. fall pl. - alone - burnt ground.  
 10664. *Accipiter fuscus*. ♀? juv. shot in dead tree top by roadside. The second  
 10665. " " ♀? " I bird alighted the moment after the first was shot.  
 Iris brownish yellow. - legs chrome yellow. - top?  
 10666. *Chordeiles popetue*. ♀ ad. fall pl. - fat.  
 10667. " " ♂ juv. " " thin

B. a. with light north-west wind - a superb day.

Spent the forenoon in the woods covering nearly the same ground as yesterday. Saw very few small birds, probably less than fifty in all, but Hawks were extraordinarily numerous. I saw at least five *Accipiter fuscus*, three *A. cooperi* and two *Buteo pennsylvanicus*. Two of the *Coopers*, a pair apparently, came scaling about the light house in the afternoon and one of the *Accipiters* came over the point close to the pier a dozen times or more, sometimes scaling out over the rocks, to look for waders. Probably, after dark heard *Warblers* chirping over the light house.

Aug. 21.

10668

*Dendroica pal. hypochrysa*. ♀ juv. fall pl.

Clear and warm. Spent the forenoon searching Hawks but saw only three, a pair of *Falco peregrinus* on the shore a mile east of the point and an *accipiter cooperi* in the woods. Small birds were v. y. scarce and I saw nothing of any interest.

Aug. 22.

10669.

10670

*Chaetura pelagica*, ♀ ad. } shot near the house on the point.  
 " " ♀ juv. }

Cloudy with strong breeze from the S. west and heavy sea. Gulls (apparently all *L. argentatus*) flying to the westward all day. I climbed out on one of the bridges and got a shot at a Gull and two shots at *Poters*, but all too far off. Saw a pair of *Puffinus fuliginosus* scaling about over the sea near the point. Several good-sized strings of *Poters* (*M. velutina* & *M. americana*) passed during the day all flying due west.

Aug. 23

Sunday.

Clear and cool. A few water-fowl passing but nothing of any interest.

1885.

Aug. 24

10671.

10672.

10673.

10674.

10675.

10676.

- Turdus pallasi*. ♂ juv. - 1st pl.  
*Accipiter fuscus*. ♀ "  
*Empidonax flaviventris*. ♂ ad.  
 " " ♂ "  
*Chordeiles popetue*. ♂ juv.  
 " " ♀ "

Cloudy with fog for a few hours in the afternoon. Wind south-west. Took a tramp as far as Thompsons in the morning returning along the east shore. Woods almost deserted by small birds - nothing but a few *Junco* & *Lonicivora*.

Aug. 25

10677.

10678.

10679.

- Sitta canadensis*. ♂  
 " " ♂  
*Empidonax flaviventris*. ♂

GONNIN BUREAU

Cloudy with light wind and some fog and mist, a few birds in the woods but nothing of any special interest. Took a short walk in the spruces behind the house in the morning.

Aug. 26

10680.

10681.

10682.

10683.

10684.

10685.

10686.

- Dendroica p. hypochrysa*. ♂ juv.  
*Chaetura pelagica*. ♂ ad.  
*Pterodroma uniformis*. ♀ juv. fall pl.  
*Tringa minutilla*. ♀ " } Upper Harbor.  
 " " ♀ "  
*Accipiter fuscus*. ♂.  
 " " ♀ "

Clear and cold with strong north wind. An

extraordinary flight of Hawks, chiefly *Accipiter fuscus* with a few *Buteo pennsylvanicus*, began at sunrise and lasted through the forenoon. Hundreds of butterflies all of one species (the willow-leaf butterfly) also appeared, swarming over the point and going to roost at sunset on trees or three small firs on the leeward side of the woods where they collected in great clusters on the under side of the branches. At sunset the air was fairly filled with *Chordeiles popetue*. I counted fifty in a few minutes scaling about over the harbor. They seemed to pass westward. With them were a few small *Cats* the first seen here. Small birds were also numerous in the woods.

I spent most of the morning lying in wait for Hawks and shot four *accipiter fuscus*, killing one and failing to pick another.

In the afternoon I drove down one to Upper Harbor where I shot three semipalmated Hens and two least sandpipers. There was a flock of about thirty of these birds on the flats but they were very shy. In the woods I saw many small birds chiefly *Junco*, *L. albicollis* and *Turdus migratorius* with one King Bird & a few *Empidonax cedrorum*.

1885.

## Point Lepreau, New Brunswick.

Aug. 27

- 10687 *Sitta canadensis* - ♀  
 10688. " " ♀  
 10689. *Setophaga ruticilla*, ♀  
 10690. *Empidonax minimus* ♀  
 10691. " *flaviventris* ♂  
 10692. *Hirundo bicolor* - ♀ juv. first pl. W. BAHRMANN  
 10693. " " ♀ " " "  
 10694. " " ♀ " " "  
 10695. *Accipiter fuscus* - ♀ juv.  
 10696. " " ♀ "  
 10697. " " ♀ "  
 10698. *Chordeiles pictus* ♂ "  
 10699. " " ♀ "

Clear & cold with strong north west wind. Ther. 42. - 70. - 70. - 70.

A repetition of yesterday with Hawks even more numerous, many small birds in the woods, and flocks of swallows and swifts passing all day. The willowed butterflies as numerous as ever, and at evening, the air filled with Chordeiles and bats, apparently migrating in company. I must have seen upwards of a hundred of each all passing westward in a southerly manner. Spent the entire day on a knoll behind the barn watching for Hawks and getting a number of shots at them and swallows.

Aug. 28

10700. *Spizella arctica*, ♂ juv.  
 10701. *Accipiter fuscus* ♂ "  
 10702. " " ♀ "

The third day of north wind and clear skies. Ther. about 46. - 70. - 70. - 70. The number of swallows fell off decidedly and there were no small birds in the woods save but few swallows passing. The butterflies are still on the point in undiminished numbers, however, and there were some of Night Hawks in the evening but the bats were scarce. At last, I saw only three or four.

Aug. 29

- 10703 *Granius pusillus* ♂  
 10704. " " ♂  
 10705. " " ♂  
 10706. " " ♀  
 10707. " " ♀  
 10708. *Vireo griseus* ♂ ad. Moulting & changing to winter pl.

Clear and calm with light west wind.

In the forenoon sailed over to an island in Mac's Bay where about thirty pairs of Herring Gulls were breeding. Brought one of the gulls down with a broken wing at bay camp but he fell into the sea before around a point & we never saw him again. Found about 300 Coots at the bridge and fired two shots at them.

1885.

## Point Lepreau, New Brunswick.

August 31

- 10709 *Hirundo horreorum* ♂ juv. fall pl.  
 10710 *Myiodynastes canadensis*, ♀ " " "  
 10711. *Dendroica maculosa* ♂ " " "

Cloudy with heavy rain in P.M.

Took a short walk behind the house in A.M. and found a number of small birds in the spruce woods.

Sept. 1

10712. *Dendroica maculosa* ♂ juv.  
 10713. " *coronata* - ♀ " first pl.  
 10714. " *p. hypochrysa*, ♂ first pl. ONE IN EACH TO BOST. MUSE. NAT. HIST.  
 10715. " " " ♂ late first & fall pl.  
 10716. " " " ♂ " " "  
 10717. " " " ♂ full pl.  
 10718. " " " ♀ " "  
 10719. *Helminthophila ruficapilla* ♀ juv. "  
 10720. *Empidonax minimus* - ♂ " "  
 10721. *Geothlypis trichas* ♂ " "  
 10722. " " ♂ " "  
 10723. " " ♀ " "

Cloudy with dense fog all day.

Spent the forenoon in the woods between the light-house and Thompson's and found every thicket alive with small birds. I must have seen over a hundred, in all or more than double as many as on any previous occasion.

10724. *Dendroica virens* - ♂  
 10725. " *maculosa* - ♀  
 10726. " *pusilla*, ♂ ad.  
 10727. " " ♂ juv.  
 10728. " " ♀  
 10729. " *caerulescens* ♀  
 10730. *Geothlypis philadelphia* - ♀ juv.  
 10731. " *trichas* - ♀  
 10732. *Setophaga ruticilla* - ♂ "  
 10733. " " - ♀ "  
 10734. *Vireo olivaceus* - ♀ "  
 10735. *Empidonax traillii* - ♀ "

ONE IN EACH TO

secured these specimens on the light-house between 10 P.M. and 12.30 A.M. One (the *G. philadelphia*) struck the light so hard that it fell dead, the majority were badly injured, while two or three were caught as they were simply fluttering against the glass. They were all perfect specimens - not a feather missing or injured. In most cases there was blood settled about one eye inside the scalp. The *Geothlypis* had also a slight dent in the skull.

At 10 P.M. I happened to go out and thus discovered that the air about the light was alive with small birds in hours before there were any (any passing). I climbed at once to the top of the tower and remained there until 12.30. The experience was novel and most interesting although the birds did not strike the light in anything like the numbers that would have come had the night been darker and windier. A account of this behavior etc. will be found in my pocket note book and in the *Geographical*.

1885.

Sept. 2.

10736.	<i>Dendroica pal. hypochrysa</i>	♂ juv.	inter first & fall,
10737.	"	♀	" " "
10738.	<i>Mniotilta varia</i>	♀	" " "
10739.	<i>Geothlypis trichas</i>	♂	" " "
10740.	<i>Empidonax minimus</i>	♂	" " "
10741.	<i>Perisoreus canadensis</i>	♂	" " "
10742.	"	♀	" " "

## Point Lepreau, New Brunswick

Clear with occasional light showers and strong, cold north-west wind. In the forenoon traversed the woods on the end of the Point and followed the road inland nearly to the Thompsons. There were about a hundred small birds on the end of the Point but farther inland I saw only a very few.

Sept. 4.

10743.	<i>Dendroica coronata</i>	♂ juv.	inter first and aut. pl.
10744.	<i>Tyrannus carolinensis</i>	♂	in company - Excessively fat.
10745.	"	♀	
10746.	<i>Loxia ar. smithsonianus</i>	♂ ad.	breeding plumage. Bill ground yellow with a spot of dull carmine on the angle. Irides straw yellow; a ring of bare skin, deep yellow in color, about the eye; legs and feet flesh color. Tarsus large. Shot while flying over the woods at the base of the Point.

Clear with drifting clouds. Wind N. to N.W. - moderate. Warm at noon. In the forenoon took a tramp through the woods on the end of the Point and finding them totally silent and deserted, I followed the road nearly to the Thompsons' gathering along the coast shore. I shot the following, it was flying over the woods across the base of the Point about half a mile from the house. Also saw three *Colaptes* and fired at one but missed. I shot the Kingbirds in the afternoon behind the barn.

1885

Sept. 4

10756.	<i>Dendroica blackburniae</i>	♂ juv.	
10757.	"	castanea	♀
10758.	"	pennsylvanica	♂
10759.	"	maculosa	♂
10760.	"	"	♀
10761.	<i>Mniotilta varia</i>	♂ ad.	
10762.	"	"	♂ juv.
10763.	<i>Setophaga ruticilla</i>	♂	
10764.	<i>Geothlypis trichas</i>	♂	
10765.	"	"	♂
10766.	"	"	♂
10767.	"	"	♂
10768.	<i>Mniotilta varia</i>	♂	
10769.	<i>Vireo olivaceus</i>	♀	
10770.	"	"	♂
10771.	"	"	♂ ad.
10772.	"	"	♀
10773.	"	"	♀
10774.	"	"	♀
10775.	<i>Geothlypis trichas</i>	♂	
10776.	"	"	♂
10777.	"	"	♀
10778.	"	"	♀
10779.	"	"	♀
10780.	"	"	♀
10781.	<i>Setophaga ruticilla</i>	♀	
10782.	<i>Passerculus savanna</i>	♀	

Killed, wounded, or caught alive at Point Lepreau light during the night of Sept 4 and early morning (1 to 2 A.M.) of Sept. 5.

GIVEN BY SCHOL. TO L. Schiller

GIVEN BY SCHOL. TO W. BAHRMANN

Sept. 5

10783.	<i>Dendroica aestiva</i>	♂	
10784.	<i>Mniotilta varia</i>	♂ ad.	
10785.	<i>Vireo olivaceus</i>	♂	
10786.	<i>Geothlypis philadelphia</i>	♂ juv.	
10787.	<i>Empidonax flaviventris</i>	♀	
10788.	<i>Contopus virens</i>	♀	
10789.	<i>Dendroica blackburniae</i>	♂ ad.	
90.	"	castanea	♂
91.	"	pennsylvanica	♂
92.	"	maculosa	♀
93.	<i>Vireo olivaceus</i>	♀	
94.	<i>Junco swainsoni</i>	♂	
95.	<i>Contopus virens</i>	♂	
96.	<i>Polioptila caerulea</i>	♂ ad.	
97.	<i>Vireo olivaceus</i>	♂	
98.	"	"	♂
99.	"	"	♂
10800.	"	"	♀
10801.	"	"	♀
10802.	"	"	♀

Shot in the woods near the end of the Point on the morning of Sept. 5.

GIVEN BY SCHOL. TO L. Schiller

Killed, wounded, or caught alive at the light the night of Sept. 5.

GIVEN BY SCHOL. TO L. Schiller

(To W. Harris)

1885

## Point St Ignace, New Brunswick

Sept. 7

10803.	<i>Turdus swainsoni</i> ♀	Killed or caught at the light the night of Sept. 7.
10804.	<i>Dendroica castanea</i> ♀ juv.	" " " " " " " " " "
10805.	" <i>maculosa</i> ♂	" " " " " " " " " "
10806.	" " ♂	" " " " " " " " " "
10807.	" " ♀ ad.	" " " " " " " " " "
10808.	" " ♀ juv.	" " " " " " " " " "
10809.	<i>Myiochloetes canadensis</i> ♂ ad. (shot in spruce woods)	
10810.	<i>Dendroica caerulescens</i> ♀	Killed or caught at the light the night of Sept. 7.
10811.	<i>Geothlypis trichas</i> ♂ juv.	" " " " " " " " " "
10812.	" " ♂	" " " " " " " " " "
10813.	" " ♀	" " " " " " " " " "
10814.	" " ♀	" " " " " " " " " "
10815.	<i>Parula americana</i> ♀	" " " " " " " " " "
10816.	<i>Chordeiles pictetur</i> ♂	Shot near the house in the evening twilight
10817.	<i>Charadrius virginicus</i> ♀ ad.	" on the rocks at the end of the Point.

Looked a tramp in the morning but found the woods nearly destitute of bird life. In the evening from 10 to 11.30 P.M. there was a good flight of Warblers moving strikingly the light during a brief period of fog.

Sept. 8

10818.	<i>Turdus pallasi</i> ♂ juv. just pl.	
10819.	<i>Dendroica p. hypochrysa</i> ♂ juv. fall pl.	
10820.	" " " " " " " " " "	
10821.	<i>Scirrus naevius</i> - ♂	
10822.	<i>Turdus himalaicus</i> ♀ juv. inter first & full pl.	
10823.	<i>Bremus pusillus</i> ♂ juv. Killed by striking the light.	

Spent the morning in the woods but found birds very scarce even in one place where I struck a large mixed flock.

Sept. 10

10824.	<i>Parus hudsonius</i> - ♂	
10825.	" " ♂	
10826.	" " ♀	
10827.	<i>Dendroica virens</i> ♂ ad. autumnal plumage	
10828.	" <i>striata</i> ♀	
10829.	" <i>p. hypochrysa</i> ♂ juv. inter first & full pl.	
10830.	" " ♀	
10831.	<i>Empidonax flaviventris</i> ♀	
10832.	<i>Tyrannus carolinensis</i> - ♂ juv.	
10833.	<i>Chordeiles pictetur</i> - juv.	

Spent the forenoon in the woods following the road as far as the Thompsons, Lealons-rumps and Black-bell Warblers fairly common, not much else except the birds recorded above.

1885

## Point St Ignace, New Brunswick

Sept. 11

10834.	<i>Accipiter fasciatus</i> - ♀ juv.	
10835.	" " ♀	Stomachs contained remains of small birds.
10836.	" " ♀	
10837.	<i>Falco columbarius</i> - ♀	Stomach crammed with grasshoppers - no birds.

A clear, perfectly calm and almost frosty morning succeeded by a blustering, windy and very disagreeable day.

The early morning promised well for a flight of Hawks and I was out before breakfast killing a ♀ Hawk. Then that flew past the house. After breakfast I took my stand behind the barn where I got several flying shots, killing a pair of Hawk-shins, both flying. The wind then rose and there were no more Hawks except a Red-tail which I spied sitting on a low fence on the barn and shot in his perch. There was a general death of small birds to-day - only a few Yellow-rumps and two *Agelaius* being seen.

pt. 12

10838.

10839.

10840.

<i>Dendroica virens</i> ♂ ad. autumnal plumage.	♀	"	"
" <i>p. hypochrysa</i> ♀ juv.	"	"	"
<i>Mniotilta varia</i> ♂ juv.	"	"	"

Clear and a briefly perfect day with light west wind and calm sea. Spent the morning in the woods following the road to the Thompsons and exploring a wood-path that enters their clearing on the western side. Birds very scarce. A few Yellow-rumps were scattered about over the country but the bulk has passed on. The Black-bell were also missing; yet I heard no birds flying last night. In the thinned woods near the end of the Point there were absolutely no birds to-day. It is curious and interesting - the way they come and go. One day (as Sept. 10) the whole Point for a mile or more back is literally alive with Warblers and Sparrows; the next (as Sept. 11 and 12) they are practically all gone and the woods silent and desolate. Again to-day night the air overhead seems to be filled with birds. One cannot listen a moment without hearing several in different directions. The following night may be apparently precisely similar as far as weather is concerned but there will be no birds passing on. One fact seems established, viz. that there is always an abundance of birds in the woods on the day preceding a nocturnal flight. I also notice that they rarely remain more than one day. What conditions govern their movements are still a perfect mystery.

Sept. 13

10841.

<i>Dendroica maculosa</i> - ♀ ad.	Killed by striking the light.
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In the evening there was a small flight of Warblers but only a few struck the light.

1885

Sept. 14

10842. *Dendroica pal. hypochrysa*. ♀ juv. fall plumage.  
 10843. *Helminthophila aspicapilla*. ♂ " "  
 10844. *Ampelis cedrorum*. ♂ ad. worn summer plumage.  
 10845. *Zonotrichia albicollis*. ♂ ad.  
 10846. " " ♂ juv? Skull very light.  
 10847. *Tamus hiemalis*. ♀ ad?

Cloudy clearing late in P.M. Wind S.W. blowing half a gale, with heavy drizzle.  
 From 10 to morning " " woods going as far as the Thompsons  
 where I explored several new wood patches and a back pasture surrounded  
 by woods. Small birds very scarce, especially Warblers of which I saw  
 not more than six or eight in all.

Sept. 15

10848. *Turdus pallasi* ♀ fall pl.  
 10849. " " ♀ juv. first.  
 10850. *Tamus hiemalis*. ♂  
 10851. *Zonotrichia albicollis*. ♀ juv.  
 10852. *Geothlypis pusillus* ♂  
 10853. " " ♂  
 10854. " " ♀  
 10855. " " ♀  
 10856. *Rhyacophilus solitarius*. ♀ juv.  
 10857. *Regulus semipalmatus*. ♂ ad.  
 10858. " " ♀  
 10859. " " ♀ juv.  
 10860. " " ♀  
 10861. *Geothlypis pusillus* ♂

Shot by G. H. Thomas at Dipper Harbor  
 on the 15th of Sept. 1885.

Morning foggy, afternoon clear. Wind west.

In the forenoon took a tramp as far as the Thompsons. Small birds were  
 very scarce, indeed the woods were practically lifeless. The birds are  
 beginning to turn yellow, the brackles russet-brown but there are few  
 indications of autumn here there in New England at this season. The  
 barrens had changed but little since our first came. The brackles,  
 however, gives indications of turning to a dull scarlet. The spruce and  
 balsam woods are, of course always the same.

In the afternoon Thomas took my gun and walked over  
 to Dipper Harbor bringing back a number of *Reg. semipalmatus* and  
*Geothlypis*.

1885

Sept. 17

10861. *Turdus alizar* ♂  
 10862. " " ♂  
 10863. " " ♀  
 10864. " *swainsoni* ♂  
 10865. " " ♀  
 10866. *Dendroica aestiva* ♂ juv.  
 10867. " " ♀ ad.  
 10868. *Myiodynastes pusillus* ♀  
 10869. *Empidonax flaviventris* ♂  
 10870. *Falco columbarius* ♂ juv.  
 10871. " " ♂  
 10872. " " ♀  
 10873. " " ♀  
 10874. *Circus hudsonius* ♂  
 10875. *Falco sparverius* ♂ ad.  
 10876. " " ♀  
 10877. *Accipiter fuscus* ♂ juv.  
 10878. " " ♂  
 10879. " " ♂  
 10880. " " ♀  
 10881. " " ♀  
 10882. " " ♀

Crops and stomachs contained remains of small  
 birds. Iris dark brown.

very fat

Each for 2

Crops and stomachs crammed with remains of  
 small birds - nothing else.

Clear and cool with strong N. wind.

Today was remarkable for the flight of small Hawks which  
 visited and passed over the Point. (See notes in field book labeled Point Lepreau.)  
 I spent the entire day on the barrens, posting myself in a favorable place and  
 waiting for shots. In this I had bad luck getting chances at not more than one  
 in fifteen birds that came in sight. They did not visit the extremity of the Point  
 so much as usual and as they crossed at various places on the extensive  
 barrens it was difficult to judge where they would pass. I killed fourteen  
 in all, including one mutilated specimen of *A. fuscus* and wounded three or four  
 others severely but losing all of the latter. On the whole I shot fairly well  
 missing few really good ones. During the forenoon there was rarely a  
 moment when one or more birds were not in sight and as sport, fun  
 and simple, the experience perhaps equalled any that I have ever had.  
 Most of my birds were killed flying and perched at long range.  
 In addition to the Hawks there were countless small birds on the  
 Point. I was obliged to repeat them until late in the afternoon when  
 about two hours work yielded the specimens above catalogued. During the  
 entire day I did not go more than a quarter of a mile inland.



1888.

Point Brevaux, New Brunswick.

Sept. 21

10883. *Minus carolinensis* - ♀  
 10884. *Regulus calendula* - ♀  
 10885. *Dendroica p. hypochrysa* - ♂ juv.  
 10886. " " " - ♀  
 10887. " *blackburnia* - ♀  
 10888. *Zonotrichia albicollis* - ♂ juv.  
 10889. " " " - ♂ juv.  
 10890. *Melospiza palustris* - ♂  
 10891. *Tringoides macularius* - ♂ juv.

Clear with strong south-west wind.

Spent the morning in the woods going as far inland as the path to the Indian Camps and thence penetrating through some exceedingly dense woods to the west shore. Small birds fairly numerous, especially Sparrows.

Sept. 22

10892. *Junco hiemalis* - ♀  
 10893. *Zonotrichia albicollis* - ♂ juv.  
 10894. " " " - ♂  
 10895. *Sphyrapicus varius* - ♂

Clear and warm with strong west wind.

In the woods all the morning going as far as the Thompson's and thence to the end of the wood path over the hill. Small birds were very scarce in the woods. I saw a Red Squirrel, the second nest with him. Hylas calling for it.

Sept. 24

10896. *Dendroica coronata* - ♀  
 10897. " *striata* - ♀  
 10898. *Numenius hudsonicus* - ♂ ad. Rather fat. Birds and muscles of wings wonderfully hard & strong.  
 10899. *Tringoides macularius* - ♂ juv. Impressively fat.

Cloudy most of the day with occasional brief intervals of sunshine. Temp. 37°.

Spent the forenoon in the woods near the end of the Point and on the neighboring barrens. The air was sharp and bracing and a strong north-west wind swept the Point driving the dark cloud masses readily onshore and meeting the withering cold fairs in the most sheltered hollows. There were a few small birds in the woods, chiefly *D. striata*. On the barrens I started a *Parus atricapillus* and pursued it a long distance but it was very wild and I failed to get it. I finally fired a long shot at it as it rose from the edge of a meadow. The report started a Cuckoo which came briefly for a few yards and stopped where I shot it. It is doubtless a bird which I shot at yesterday afternoon as it was flying over the barn. On that occasion it fell nearly to the ground, then sailed off before the wind dropping in the shadows where I found it this evening.

At 1.00 P. M. during a brief interval of sunshine there was a small flight of Hawks.

Sept. 25

10900. *Dendroica p. hypochrysa*, ♂ fall pl.

1888.

Sept. 30

10901. *Parus atricapillus* - ♀  
 10902. *Dendroica coronata* - ♂ ad.  
 10903. " " - ♂ ad.  
 10904. " " - ♂ ad.  
 10905. *Carpodacus purpureus* - ♀  
 10906. *Setophaga ruticilla* - ♀ ad. Picked up dead, freshly shot, in the Warren Run.

10907. *Zonotrichia albicollis* - ♂ juv.10908. *Pipilo erythrophthalmus* - ♂ ad. by red.

*Helminthophila celata* - ♂ ad. Prospekt St., among birches. Shot by H. M. H. and then afterwards given to me by him.

Blindless and still - a beautiful autumn day. Started at 8 A. M. with H. M. Henshaw and spent the day in the woods. He drove first to Longwood where H. collected some golden-eyes. Thence through Watertown to the Warren Run, Waltham where we took lunch by the brook and spent about two hours scanning the birches for birds. From here we proceeded to the Meadows and home by way of Prospekt St. H. killed a large ♂ *Helminthophila celata* in perfect autumnal plumage. He also picked up a freshly-killed Wild Pigeon which he gave to me. I shot a *Dendroica p. hypochrysa* (which I gave to H.) and the specimens catalogued above. Birds were numerous everywhere. The autumn coloring is very fresh this year although not nearly at its height as yet.

Oct. 2

Wellesley Hills (Grantville)

10909. *Parus atricapillus* - ♂ ad.  
 10910. *Certhia f. americana* - ♂  
 10911. *Parula americana* - ♂ ad.  
 10912. *Dendroica striata* - ♀ ad.  
 10913. *Sporus socialis* - ♂  
 10914. " " - ♂  
 10915. " " - ♀

Cloudy and still.

Took an early morning train to Grantville and spent the day in the woods with H. M. Henshaw and his nephew. He devoted most of the morning to hunting grouse but although we started eight or ten only one was killed - by H. Small birds were fairly numerous, especially in the birches. Blue jays literally swarmed everywhere in the woods.

Oct. 5

10916. *Turdus abietis bicknelli* - ♀  
 10917. *Certhia americana* - ♀  
 10918. *Cyanocitta cristata* - ♂  
 10919. " " - ♀  
 10920. *Colaptes auratus* - ♀

Clear and cool with high wind.

Took the early train to Grantville and spent another day in the woods with Henshaw going over nearly the same ground as on the 2nd. Hunted about eight grouse and fired several shots upon but the cover was deep & we missed them all.

1885

Oct. 9

10921. *Sitta canadensis* - ♂ juv.  
 10922. *Scelopophagus ferrugineus* - ♂ WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10923. " " - ♂  
 10924. *Pipoides arcticus* - ♀  
 10925. *Gallinago wilsoni* - ♂ WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10926. " " - ♀ WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10927. *Soturus melanocephalus* ♂ juv.

Clear, nearly dead calm all day. Morning cold, ground & pools frozen stiff.

Left Boston the night of the 4th reaching Belknap yesterday noon and the lake about sunset last evening.

In the meadows with Skinkings and Kovings all the morning starting thence before. In the woods most of the afternoon, following the stone path. Leaves nearly all down, but fields and meadows still green, butterflies feeding about, cicadas chirping. No winter birds except Red Crossbills which are very numerous.

Oct. 10

10928. *Cyanocitta cristata* - ♀ WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10929. *Picus villosus* - ♂  
 10930. *Circus hudsonius* - ♂ ad. Its golden stomach contained a Song Sparrow, the head entire - crop contained an unrecognizable Sparrow.

Cloudy with occasional intervals of sunshine. Warm than yesterday but more windy and blustering - In the lake all day going around Great Island. Ducks very scarce. In the woods behind the house at sunset. Small birds rather scarce. The Marsh Hawk came upon me suddenly as I was sitting on a log among second growth sprouts in a clearing.

Oct. 12

10931. *Nitellus carolinensis* ♂ juv. Alone - in the meadow pond near the house.  
 10932. *Podiceps cornutus* - ♀ juv. In the lake off Great Island with another of same species.  
 10933. *Podiceps cornutus* - ♀  
 10934. " " - ♀  
 10935. *Rhyacophilus solitarius* ♀

Cloudless, the lake perfectly calm all day.

Left the Cambridge after breakfast meeting a large mixed flock of about nothing. Starting at 9 A.M. spent the remainder of the day on the lake going as far as Moose Point. Ducks numerous, also about 100 Haldrales, 50 Greater Scaups, and many Horned Grebes etc.

Oct. 13

10936. *Patserella ichia* - ♀ WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10937. *Gallinago wilsoni* - ♂ WORK IN EXCH. TO MOST. SOC. NAT. HIST.

Cloudy with S.E. threatening a storm. Traversed the stone path & beat the meadows but saw few small birds and only one hawk.

Oct. 8. Clear and cold. Wind S.W.

Left Boston by steamer for Portland last night. Reached Belknap by noon and drove through to the lake before dark. Saw a *Rendellia hypoleuca* at Belknap in an elm by Mr. Field's house. Sparrows numerous along the road to Upton.

1885

Oct. 14

10938. *Tringa bonapartei* ♂ } WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10939. " " - ♂ }  
 10940. " " - ♂ }  
 10941. " " - ♀ }

Cloudy with frequent drizzly gusts of rain from S.E.

Late in the afternoon I paddled down to the mouth of the Cambridge where I found the birds wintered above, but nothing there. Some *Sporophila* who came down across the lake from the Outlet late in the afternoon saw no tracks in the lake except those of a seal.

Oct. 15

10942. *Ceryle alcyon* - ♂ - Cambridge River. WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10943. *Vireo americanus* - ♂ - Off Great Island. Shot just after sunset.  
 10944. *Podiceps cornutus* - ♂  
 10945. *Platyrhynchus nitidus* - ♂ }  
 10946. " " - ♀ } On the mud bar at the Outlet, a small flock, very tame.

Cloudy all day; wind W. moderate.

On the lake all day, most of the time at the Outlet. Ducks scarce. Saw about ten *U. strepera*, three or four *Haldrales* (*U. americana*), five *Sporophylus* (in Beacon's Pond), and three *Fulica americana*.

Oct. 16

10947. *Loxia americana* - ♀ ad.  
 10948. " " - ♀ juv. Later first & full pl. } Cambridge River between the mill and the Falls.  
 10949. *Pipoides arcticus* - ♀ WORK IN EXCH. TO MOST. SOC. NAT. HIST.  
 10950. *Picus villosus* - ♂  
 10951. *Bonasa umbellus* - ♀  
 10951b. *Tringa maculata* ♂ Edge of pond in meadow near Lake House.

Morning clear and still. Afternoon cloudy and chilly. Spent the day on Cambridge River going nearly to the head. In meadows. Leaves all down, the woods carpeted with rustling beds of them. Saw some *Sporophila* and mountain ash berries very abundant and conspicuous.

Oct. 17

10952. *Otus wilsonianus* - ♂ Shot at Harrows flying over water about 1 P.M. (monday) by E. Hayward.  
 10953. *Harelda glacialis* - ♂ juv.  
 10954. *Bonasa umbellus* - ♂ ad. Shot on stone path with 32 cal pistol.  
 10954b. *Harelda glacialis* - ♀ ad. Shot with No. 10 953.

Clear, warm, perfectly calm all day.

On the lake all day going to the Outlet. Fox breaking away as we emerged from the mouth of the Cambridge. A large flock of feathers was seen above the Harrows last evening but they were gone to-day. Many Crossbills flying about over the woods, *Haldrales* *Sporophylus* and *Thraupis* mostly along the rocky shore. Ducks calling incessantly. Returning late in P.M. paddled up to the bridge for about three miles above the dam. At sunset the sun was very low. The air deathly still. Muskrats cutting silvery ripples, *Thraupis* & Fox Sparrows in the leaves.

1888

Oct. 18

10955.

10956.

10957.

10958.

## Lake Umbagog, Maine.

*Perisoreus canadensis* ♂ } mated pair. Shot by Philip in Abbott clearing.  
 " " ♀ }  
*Littor canadensis* - ♂ } mated pair. Shot by Philip on Tyler path near Tyler spring.  
 " " ♀ }  
COKE IN EACH TO POST. WOOD. NAT. HIST.

Clear, warm, dead calm all day. Took a walk along the Stone path in the morning. On the knoll just beyond the brook came on a pair of Ruffed Grouse in the path, the ♀ standing erect with neck stretched up, the ♂ with tail expanded and raised, crest erect, plumage of throat and cheeks puffed out, ruffed expanded and twitched nervously every few seconds, small birds numerous, especially *Carpodacus*, *Regulus satrapa*, and *Vireo canadensis*.

Oct. 19

10959.

10960.

*Melanitta velutina*. ♂ juv. Shot by Daniel Hayward in Cambridge River just below Lake House Landing.  
*Tringa maculata*. ♂. Meadows near Lake House.  
COKE IN EACH TO POST. WOOD. NAT. HIST.

Clear, calm, warm. Started down river at 12. M. Handed at the first bend to shoot a *Tringa maculata* when a Snipe started. Following it I flushed nine birds in about an hour, killing eight and wounding the ninth. The meadow was covered with chalk marks, borings, etc. Spent the remainder of the day on the lake going as far as Belton. Stalked seven Sheldrakes on Bear Island and fired a long shot at them without success. Saw five scaup, a few Horned Grebes, and several Hens.

Oct. 21

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10966.

*Parus hudsonicus* ♀  
 " " ♀  
*Certhia americana* ♀  
*Littor canadensis* ♀  
*Branta umbellae* ♂ ad. Shot by Mr. Sherman.  
 " " ♀ " Shot near entrance to Tyler path (flyings)  
COKE IN EACH TO POST. WOOD. NAT. HIST.

Hazy (60%), cloudy with heavy rain in P.M. and evening. Spent the morning in the woods following the Tyler path to beyond the corduroy. Shot a Woodcock in the pines near the lake, a Grouse in second-growth birches near the entrance to the Tyler path. Saw several large flocks of juncos, Nuthatches & Titmice. Red Crossbills flying about incessantly.

Oct. 22

10967.

10968.

10969.

10970.

*Littor canadensis* ♂  
 " " ♂  
 " " ♀  
*Certhia americana* ♀  
COKE IN EACH TO POST. WOOD. NAT. HIST.

Cloudy and cool; wind N.W. Spent the day on the lake going as far as Black Island Cove. Saw very few ducks. Stalked two Sheldrakes on Bear Island and got a long shot at them as they were sitting together on a rock. One rolled over apparently dead or dying but when Philip went for it it dove and was soon lost to sight in the rough water outside. He came on it later a mile or more distant. It had fallen to the shore but scuttled into the water on our approach. I had a good shot at it but it dove & did not reappear. During this trip I killed only one Horned Grebe.

1888.

## Lake Umbagog, Maine.

Oct. 8

Clear and cold; the wind south-west. Left Boston by the Portland steamer last night, reaching Bethel by noon and driving through Upton before dark. Saw one *D. hypochrysis* at Bethel and a number of Sparrows at the pond.

Oct. 9

Clear; nearly dead calm all day. Morning cold, the ground and smaller pools frozen stiff. On the meadows with Skillings and Lovejoy all the morning, starting thirteen Snipe. In the woods most of the afternoon. Small birds, especially Sparrows in great abundance. Leaves nearly all down. Fields and meadows still green, crickets chirping, butterflies flying about. No winter bird about except Red-crossbills which are in great abundance.

Oct 10

Cloudy with occasional sunshine. Windy and blustering, but otherwise warmer than yesterday. On the lake all day, going around Great Island. In the woods behind the house at sunset. Few small birds seen to-day. Ducks scarce on the lake.

Oct 11

Suncay. Clear with high north-west wind. Spent the forenoon in the woods along the Stone path, going as far as the Stone farm. Small birds numerous.

Oct 12

Cloudless; the Lake as smooth as glass all day. After breakfast walked up the Cambridge for about half a mile, meeting a large flock of small birds. Returning started at nine A.M. with Philip as guide and spent the day on the lake, going as far as Moose Point.

In the first pond in the Cambridge river meadow were seven Whistlers and a Green-wing Teal. Killed one of the former at 100 yards (sitting) and paddled easily to the latter (with bushed boat) and shot it also sitting. Off the lakeside landing were two Hooded Mergansers which proved very shy. Off the lower end of Great Island we found two Surf Scoters, and paddling within close range I shot one on the water, the other as it rose. At the Narrows stalked three Sheldrakes, flushed them and shot two right and left. At Holl's rock paddled to three Horned Grebes and shot them all. At Moose Point flushed and killed three Snipe in three shots. The lake was swimming with Sheldrake. I saw upwards of two hundred, also a large flock of Scaup Ducks.

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1885.

Lake Umbagog, Maine.

Oct 13

Cloudy, wind south-east, threatening a storm. Spent the day about the house, taking a short walk along the Stone path in the morning and beating the meadow for Snipe in the afternoon. Saw very few small birds and no Ducks all day. Found only a Snipe which I shot.

Oct 14

Cloudy with frequent heavy showers. Wind south-east, strong. Spent the day in the house. Late in the afternoon paddled down to the mouth of the Cambridge and shot four ~~Donaput~~ Sandpipers on the bar. Some sportsmen came down from the Outlet in the evening and reported no ducks in the middle of the Lake.

Oct 15

Cloudy all day. Wind west, moderate. Starting at nine in the forenoon with Philip I went to the Outlet where we spent most of the day. Ducks were very scarce. I saw perhaps ten Black Ducks, thrice as many Sheldrake and three Greater Scaups. In Leonard's pond I saw five hooded Mergansers. Made two amazingly long shots (with my borrowed No. 8 guage gun) at single Sheldrake flying, killing both. Killed a third just at dusk (cross-shot) at the lower end of Great Island. Small birds very scarce.

Oct 16

Morning clear, warm, still; the woods alive with birds, squirrels and other life. Afterwards cloudy and chilly; sunset clear and night frosty and still. Got off about eight in the morning and paddled down to the mouth of the Cambridge, shooting a Tringa maculata and watching a flock of Sheldrake for some time. Returning started up Cambridge river where we spent the rest of the day, going nearly to the head of the meadow. Ascending shot a female Grouse on a log and traced a drummer to his stand, killing him; also shot some small birds and flushed two Black Ducks from a small "log" near the Forks. Returning traced two drummers to their logs, missing the first in the twilight, but killing the last by a chance shot after it had grown too dark to see anything distinctly. Leaves all down now, the woods carpeted with rustling beds of them. Viburnum opulus and mountain ash berries very abundant and conspicuous. Heard a flock of Scoters passing overhead after dark.

Oct 17

Clear and dead calm all day; warm for the season. A large flock of Scoters was seen in the lake last evening and we went in pursuit today, starting at nine o'clock in the forenoon. As we paddled down river a dense fog was just

reappear. During this trip I killed only one Horned Grebe.

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1885.

Lake Umbagog, Maine.

(Oct 17) breaking. Started eight Sheldrake at the peaslee turn. Shot a Kingfisher there. At the river's mouth saw a diving bird, probably P. podiceps. Rowed to the Narrows, seeing nothing by the way. On the upper Lake were several Loons calling incessantly. Attempted to stalk two Black Ducks, but failed. Many Cross-bills flying about. Sheldrake splashing and thrashing about the rocky shores. Returning passed around Great Island. Only three Black Ducks in the Sweet Cove. Above B Point spied two Oldsquaws. Paddled within fair range and made a successful double as they rose. / At four o'clock in the afternoon carried the boat above the dam and paddled up Cambridge river about two miles. At sunset it was deathly still, surpassingly beautiful. Muskrats cutting silvery lines across the shadows (saw at least thirty); Thrushes and Sparrows scratching and rustling in the leaves; an occasional Picus or Colaptes tapping or calling; that was all. In one place heard a startling rustling and thrashing in the leaves and bushes. Intense restrained excitement and expectation for a moment. Then a diminutive Vesperomys appeared on the bank regarding us curiously. Disgust and irrestrainable laughter on our part, of course. Coming back after dark heard a note new to me - two short whistles. It was probably an Owl. (As I now know it was a Scotus.)

Oct 18

Sunday. Cloudy and calm all day; warm. In the morning took a walk along the Stone path. Small birds numerous. On the knoll just beyond the brook I came on a pair of ruffed Grouse in the path, the male with tail exposed and raised, ruffs twitching nervously and incessantly, crest erect, feathers about cheeks and throat puffed out. He stood perfectly still for several minutes.

Oct 19

Clear, calm, warm. Started down river at nine o'clock in the forenoon. Landed at the first bend to shoot a Tringa maculata, when a Snipe started. Following it I found the meadows covered with chalk marks and beating them thoroughly flushed nine birds, killing eight and wounding the ninth, but securing only seven. Continuing on up the Lake I got only one shot on Bear Island at seven Sheldrake which I stalked to within about sixty yards, firing both barrels, but failed to kill any of them. Saw four Greater Scaups which were as shy as Black Ducks. Also a few Horned Grebes and Loons. David Hayward shot a young Vulpes Scoter in the basin at the Lake House landing.

Oct 20

Cloudy and windy. Spent the day about the house and made no observations whatever.

reappear. During this trip I killed only one Horned Grebe.



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1885.

Lake Umbagog, Maine.

Oct 21

Cloudy with heavy rain in the afternoon. Warm; the thermometer 60; a high south- wind.

In the forenoon took a tramp on the hill behind the house and along the Tyler path beyond the corduroy. Shot a Woodcock, a Grouse flying, and some small birds. Philip shot two Black Ducks.

Oct 22

Cloudy; wind north-west; cool. Started at nine o'clock in the morning and spent the day on the Lake, going as far as Black Island cove. Ducks very scarce. We saw nothing but four Shel-drake, three Black Ducks and two Scaups. I stalked two Shel-drake and got a long shot at them as they rose, sitting on a rock. One rolled over and lay apparently dead; but when Philip tried to reach it with a pole it righted and dove, and before we could get the boat, got out into rough water and was lost. Several hours later we started it a mile or so above. It scuttled down from the rocky shore and took to the water. I fired, but failed to kill when it dove and was not seen again. I shot only one Horned Grebe.

Oct 23

Clear, cool, the wind north-west, moderate. Started early and spent the day on the Lake. A flock of nine Old Squaws off B cove; Horned Grebes numerous, a few Sheldrakes. Old Squaws too shy to be approached nearer than one hundred yards. Got four shots at a Sheldrake, hitting all four but killing only one. In B Cove found a flock of about twenty-five Black Ducks and one smaller Duck with a white breast. Stalked to within about one hundred yards, but could get no nearer. Started two Western Longspurs at Moose point and saw a T. schlegelii at the Outlet. Returning in the evening had a fine sunset and moonrise.

Oct 24

Cloudy and still; warm. Spent the morning on the hill skirting the wood edges of the pasture. Shot a Shrike that was singing steadily like a young Robin, surrounded by Chas. Is. us and Kinglets. Flushed a Short-eared Owl among the thick young Balsams & spruces in the pasture and killed it by a snap shot. It flew from a Balsam. Saw no Grouse.

Oct 25

Sunday. A beautiful day, cold calm; frosty morning. In the morning took a walk through the Stone path. There were many small birds in the woods, but nothing of especial interest.

reappear. During this trip I killed only one Horned Grebe.

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1885.  
Oct 26

Lake Umbagog, Maine

Clear and calm all day. Started early and propped our way up the lake through a dense fog which lifted just as we passed the narrows. Went ashore here and followed a logging road into some fine mixed woods. Flashed a Grouse and missed. Heard a Woodpecker tapping and investigating found and shot a fine male Picoroides americanus. At Moose Point found five buffleheads diving near shore. Tried to scull my bashed boat on to them, but failed. Afterwards fired two flying shots at them. Sculled to two Sheldrakes, but they flew giving me only a long and fruitless shot. As we were leaving the landing this morning seven Sheldrakes passed overhead in the fog giving me a fine shot, but my guns were unloaded. At the outlet heard a Golden Plover distinctly at sunset.

Oct 27

Clear, warm, calm all day. Starting at ten o'clock in the forenoon went up into the Sweet Cove where we spent the day. Heard a flock of Blackbirds in the forest; landed and found about fifty Quiscalus and twenty-five Sceloporus. Next stalked seventeen Sheldrake; stopped two and one went off wounded. Afterwards Philip drove him down past me and I killed him. Saw two Black Duck and got a long shot at a Whistler, missed. Blue Jays very numerous.

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reappear. During this trip I killed only one Horned Grebe.



1885  
Nov. 28  
Spurwich, Massachusetts

1	10980.	<i>Passerculus princeps</i>	♂	} Sand dunes on south side of river. <small>COME IN RECH. TO SWED. NAT. MUSE.</small>
1	10981.	"	♀	
1	10982.	"	♀	
1	10983.	<i>Plectrophenax leucophaea</i>	♂	
	10984.	<i>Spiridella monticola</i>	♂	} Edge of sand dunes.
	10985.	"	♀	
	10986.	<i>Brachyptila alpestris</i>	♂	
	10987.	"	♂	
	10988.	"	♂	
	10989.	"	♀	} <small>COME IN RECH. TO SWED. NAT. MUSE.</small>
	10990.	"	♀	
	10991.	"	♀	
	10992.	<i>Asio wilsonianus</i>	♂	Stomach crammed with bones & fine pieces. Brought in the flesh of a grouse who shot it yesterday in some woods near town.

Clear and dead calm all day. Frosty in early morning, warmer at noon. With Chadbourne took the 9 A.M. train on the Eastern Railroad and spent the day at Spurwich. We rowed down river easily and pleasantly with a strong ebb tide and reached the mouth at about 11. On the way saw hundreds of Gulls and Crows and I shot one of the latter for Chadbourne.

Landings at the sand-hills we found three Sparrow sparrows at the western end and quickly shot them all. The main or central part of beach grass proved a blank although the sand was covered with bird tracks but at the eastern extremity we shot two more Sparrows, one in the grass, the other sitting in the top of a bush clumping badly.

We next climbed the high round hill from the top of which C. took some photographs of the sand dunes beyond. On this hill was an extensive grain stubble thickly grown up to weeds and to this Horned Larks were continually coming and alighting either in the weeds or on the adjoining smooth green turf. Each flock of birds usually contained several Song Sparrows and we also saw several small flocks composed entirely of the latter. As we wanted both species we had some very rapid shooting for which killing most of our birds flying as they circled or skimmed over the field. Chadbourne shot remarkably well, I very poorly.

Later in the afternoon we returned to the boat, crossed the river (wasting a little time by the way in pursuit of a Horned Grebe), and landed on the beach. The great rounded hills where I saw and shot had such fine shooting last year proved utterly deserted to day so after a fruitless tramp we returned to the boat and started up river just as the sun was setting watching them by the way. The tide was very high and the shoals were covered in most places so that it was difficult to find the channel.

1885.

Nov. 30

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Belmont County, Massachusetts.

Woodbury, Mass. State House.

Certified by the State House.

James, Belmont

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1886  
Jan'y 19Miscellaneous.  
Milford, Maine. (Received in the flesh from G. S. Bowler)

I received the following nine birds in the flesh, Jan. 23. They arrived in perfectly fresh condition. I prepared the skins and ascertained the sex etc. by dissection.

11007.	<i>Agelaius phoeniceus</i>	♀ ad.	Ovaries well developed. Stomach contained bones & flesh of mice.
11008.	"	♂	Testes small.
11009.	<i>Boxia curvirostris americana</i>	♂ ad.	Brooding pl. Testes of nearly maximum size (O)
11010.	"	♂	" " " " " " " "
11011.	"	♂	" " " " " " " "
11012.	"	♀	Ovaries "highly developed"
11013.	"	♀	" " " " " " " "
11014.	"	♀	" " " " " " " "
11015.	<i>Leucophaea</i>	♀	" " " " " " " "

Bought of Charles H. Marsh, Feb. 1886.

Collector Charles H. Marsh.  
New Mexico

11016.	<i>Harporhynchus curvirostris</i>	♂	Some Mountain, November 3. 1884.	Colls No 2772.
11017.	"	♀	" 26 " " "	" 3084.
11018.	<i>Junco cinereus dorsalis</i>	♂	March 4 1885	" 3528.
11019.	"	♂	April 8 - " "	" 3615.
11020.	<i>Melospiza fasc. montana</i>	♀	November 11. 1884	" 2832.
11021.	"	♂	March 10. 1885	" 3539.
11022.	<i>Podiceps gran. confinis</i>	♂	" 17. " "	" 3554.
11023.	"	♀	September 9. " "	" 4614.
11024.	<i>Xanthocephalus icterocephalus</i>	♀	August 22. " "	" 4190.
11025.	<i>Barpodacus frontalis</i>	♀	January 7. " "	" 3305.
11026.	"	♂ ad.	Silver City - February 9. 1884	" 1333.
11027.	<i>Pipilo fuscus missillensis</i>	♂	" 16. " "	" 1365.
11028.	<i>Setta pygmaea</i>	♀	Las Vegas April 14. " "	" 190.
11029.	<i>Empidonax ful. pallens</i>	♂ ad.	Walnut Ranch, May 11. 1885	" 3800.
11030.	"	♀	" 11. " "	" 3808.
11031.	<i>Regulus calendula</i>	♀	Don. Mountain. Oct. 17. 1884	" 2675.
11032.	<i>Lophophanes in. griseus</i>	♂	" " " " " "	" 3374.
11033.	<i>Setta cal. aculeata</i>	♂	February 5. " "	" 3415.
11034.	"	♀	March 2. " "	" 3516.
11035.	<i>Vireo flavabronchus</i>	♂	May 11. " "	" 3776.
11036.	"	♀	" 11. " "	" 3780.
11037.	<i>Arremonops ludovicianus</i>	♂ juv.	" " " " " "	" 3279.
11038.	<i>Melospiza lincolni</i>	♂	December 30. 1884	" 2833.
11039.	<i>Oreophilus aff.</i>	♂ ad.	November 11. " "	" 3539.
11040.	<i>Turdus mig. propinqua</i>	♂	March 27 1885. " "	" 2715.
11041.	<i>Anthostomus nuttalli</i>	♀	December 25. 1884. " "	" 2715.

1886  
Feb. 9Middlesex County, Massachusetts.  
Belmont.

11042.	<i>Turdus migratorius</i>	♂	
11043.	"	♀	Some in lice. to post, p. 4, 1887.
11044.	<i>Parus atricapillus</i>	♂	Some in lice. to post, p. 4, 1887.
11045.	"	♀	
11046.	"	♀	
11047.	<i>Ampelis cedrorum</i>	♂	Two feathers of tail wing clipped.
11048.	"	♂	

Clear and very warm.

Starting at 9.30 a.m. I drove to Prospect St. and spent about two hours in the cedar woods on the South side. There were about twelve inches of snow on the ground crusted just enough to make the walking hard and noisy under the trees but in the open sufficiently firm to support my weight in most places. The cedars bore a heavy crop of berries this year and I found among them a flock of about fifty Cedar Birds, fifteen or twenty Robins, two Purple Finches, and several Blue jays and Flickers. The Robins and Cedar Birds were mixed together in a straggling flock. Both species were unusually shy, probably having been much hunted of late for the snow was everywhere covered with the tracks of men and boys.

I saw a small ( $\delta$ ) *Accipiter fuscus* dashing through the cedars and found an old Flicker's hole in an orchard which had been recently occupied by a gray Saps whose feathers lined the entrance.

On the way back I saw three Flickers in the heavily wooded (oak).

The slipping was hard and smooth but the snow in the fields melted rapidly under the warm sun.

Feb. 10

## Belmont.

Cloudy with chill east wind.

Starting at 9.30 a.m. I covered precisely the same ground yesterday. I saw the same flock of Cedar Birds in the same place, about fifty Robins, thirty Purple Finches, and several Blue jays, but all birds were exceedingly shy to-day and I got only two short-winged flying Saps, 6. 11. mistle - at Robins.

Besides the above I saw a *Phoebe lineata* feeding about gracefully over the woods and a little flock of Juncos by the roadside.





1886  
Feb. 9Baker, Bangor, Maine  
see remarks on preceding page,

11123	<i>Carpodacus purpureus</i>	♀	Ovaries undeveloped	DO NOT IN EXCH. TO POST. GEO. NAT. MUSE.
11124	<i>Chrysomitris pinus</i>	♀	"	"
11125	"	♀	"	"
11126	" tristis	♀	"	"
11127	"	♀	"	"
11128	"	♀	"	"

March 8

Katahdin Iron Works, Maine.  
(on the flesh from v. S. Bowler.)

11129	<i>Loxia leucoptera</i>	♂ ad.	Lutes of <i>maxima</i> var.	DO NOT IN EXCH. TO POST. GEO. NAT. MUSE.
11130	"	♂		
11131	"	♂		
11132	" americana	♂ ad.		
11133	"	♂		
11134	"	♂		
11135	"	♀	Incubating; eggs laid.	DO NOT IN EXCH. TO POST. GEO. NAT. MUSE.
11136	"	♀		
11137	"	♀		

St. Helena Island, South Carolina. - collector - Walter Fox.

11138	<i>Dendroica aestiva</i>	♂	Sep. 12, 1885	Oak Wood	1631
11139	" pinus	♂	Feb. 5, 1886		1718
11140	"	♂	Sep. 12, 1885		1632
11141	"	♂	" 25 "		1642
11142	<i>Regulus calendula</i>	♀	Feb. 9, 1886		1722
11143	<i>Spizella socialis</i>	♂	Dec. 28, 1885		1650
11144	<i>Agelaius phoeniceus</i>	♂ ad.	Feb. 10, 1886		1729
11145	<i>Cardinalis virginianus</i>	♂	Feb. 5 "		1715
11146	"	♂	Feb. 4 "		1723
11147	<i>Pipilo erythrophthalmus</i>	♂ ad.	" 12 "		1741
11148	" alleni	♂	" 18 "		1752
11149	<i>Sturnella magna</i>	♀	" 15 "		1746
11150	"	♂	" 10 "		1731
11151	"	♀	Jan. 15 "		1702
11152	"	♀	Feb. 9 "		1725
11153	<i>Mimus polyglottus</i>	♂	Oct. 31, 1885		1656
11154	"	♀	" 31 "		1657
11155	"	♀	" 24 "		1649
11156	<i>Colinus ludovicianus</i>	♂	Feb. 18, 1886		1758
11157	"	♂	" 10 "		1733
11158	<i>Oryzopsis virginiana</i>	♂	" 9 "		1723
11159	<i>Aegialitis vocifera</i>	♀	Jan. 16 "		1705
11160	"	♀	" 6 "		1693
11161	<i>Calidris arenae</i>	♂	May 16, 1885		1544
11162	<i>Grenulatus occidentalis</i>	♂			1614
11163	<i>Melospiza melodia</i>	♀	Feb. 10, 1886		1737
11164	<i>Poocetes gramineus</i>	♂	" 10 "		1738

Each to Judge Bon

1886.

March 1-2

Highlands (4000 ft.) Macon County, North Carolina.  
(Received in the flesh from C. B. Bogerton, March 8, 1886. They came in good condition but as usual I had difficulties in drying some of them.)

11165	<i>Sitta carolinensis</i>	♂	March 1	
11166	"	♀	" 1	
11167	<i>Sitta carolinensis</i>	♂	" 1	
11168	<i>Regulus satrapa</i>	♀	" 2	
11169	<i>Parus carolinensis</i>	♂	" 1	
11170	<i>Geothlypis trichas</i>	♂	" 2	
11171	"	♂?	" 2	
11172	<i>Cardinalis virginianus</i>	♂ ad.	March 2	
11173	"	♀	" 2	
11174	<i>Zonotrichia albicollis</i>	♂?	" 2	
11175	"	♀?	" 1	
11176	<i>Spizella pusilla</i>	♂	" 2	
11177	"	♂	" 2	
11178	<i>Tunco n. carolinensis</i>	♂	" 1	
11179	"	♂	" 1	
11180	"	♂	" 1	
11181	"	♂?	" 1	
11182	"	♂	" 1	
11183	"	♂?	" 1	
11184	"	♂?	" 1	
11185	"	♂	" 2	
11186	"	♀	" 1	
11187	"	♀	" 1	
11188	"	♀?	" 1	
11189	"	♀	" 2	
11190	<i>Tunco n. carolinensis</i>	♂	March 1	
11191	"	♂	" 1	
11192	"	♂	" 1	
11193	"	♂	" 1	
11194	"	♂	" 1	
11195	"	♂	" 2	
11196	"	♂	" 2	
11197	"	♀	" 1	
11198	"	♀	" 1	
11199	"	♀	" 2	
11200	"	♀	" 2	
11201	<i>Passercula iliaca</i>	♂!	March 2	
11202	<i>Deloxipha melodia</i>	♂	" 1	
11203	<i>Acipiter fuscus</i>	♀	" 1	
11204	<i>Boonata umbellata</i>	♂ ad.	March 1	

L. C. SANTO

A. P. Moore

GONNERS, H. L. C.

Stomach contained feathers  
Feathers large. Ovary contained, 3 acorns, small leaves & buds,  
(March 1)

1886

## Lake Umbagog, Maine

Received in the flesh (March 13) from Kummer. The possibilities were not breeding and the sex marks are absolutely reliable in all cases!

No.	Species	Sex	Age	Color	Notes	Post. No.	Post. No.	Post. No.
11205.	<i>Loxia c. americana</i>	♂	ad.	red plumage	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11206.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11207.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11208.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11209.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11210.	"	♂	"	mixed red and rose or greenish yellow.	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11211.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11212.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11213.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11214.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11215.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11216.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11217.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11218.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11219.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11220.	"	♂	"	green plumage similar to that of ♀	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11221.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11222.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11223.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11224.	"	♀	ad.	laying	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11225.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11226.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11227.	"	♀	"	incubating. all eggs laid	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11228.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11229.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11230.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11231.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11232.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11233.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11234.	"	♀	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11235.	<i>Chrysomitris tristis</i>	♂	"	winter pl.	GREEN IN EXCH. TO POST. NO. NAT. HIST.			
11236.	"	♂	"	"	GREEN IN EXCH. TO POST. NO. NAT. HIST.			

All with tests of neopium in.

## Scott Collection. Collector W. C. D. Scott.

Las Sierras de Santa Catalina, San Pedro Slope, Pinal County, Arizona.

No.	Species	Sex	Age	Date	Elevation	Gold No.
11237.	<i>Dendroica graciae</i>	♂	ad.	April 30, 1885	8000 ft.	2349
11238.	"	♀	"	"	8000 "	2348
11239.	<i>Setophaga picta</i>	♂	juv.	first pl. Aug. 23, 1884	"	772
11240.	"	♂	"	"	"	786
11241.	"	♀	"	"	"	785
11242.	<i>Vireo vicineor.</i>	♂	ad.	May 26 - 1885	3000 ft.	2633
11243.	"	♂	"	"	"	2639
11244.	"	♂	"	June 6 - "	"	2755
11245.	"	♂	juv.	first pl. June 6 - 1885	3500 "	2725
11246.	"	♂	ad.	"	3500 "	2773
11247.	"	♂	juv.	first pl. " 2. "	"	2713
11248.	"	♀	ad.	May 31. "	"	2646
11249.	<i>Circus latirostris</i>	♂	"	April 5. "	"	2091
11250.	"	♂	"	" 5. "	3000 "	2090
11251.	"	♂	juv.	Aug. 9 - 1884	"	693
11252.	"	♀	"	July 29. "	"	683
11253.	"	♀	"	" 15. "	"	342
11254.	<i>Trochilus alexandri</i>	♂	ad.	April 9 - 1885	Some in exch. to Post. No. Nat. Hist.	2129
11255.	"	♂	"	" 14. "	"	2155
11256.	"	♂	"	" 14. "	"	2150
11257.	"	♂	"	June 28 - 1884	"	384
11258.	"	♀	"	April 14 - 1885	DOCK IN EXCH. TO POST. NO. NAT. HIST.	2158
11259.	"	♀	"	" 9. "	"	2151
11260.	"	♀	"	" 14. "	"	2159
11261.	"	♀	"	June 11 - "	"	2709
11262.	"	♀	"	" 4. "	(Beech missing)	2735
11263.	<i>Selasphorus costae</i>	♂	ad.	March 28 "	3000 "	1989
11264.	"	♂	"	April 14 - "	DOCK IN EXCH. TO POST. NO. NAT. HIST.	2144
11265.	"	♂	"	" 14. "	"	2148
11266.	"	♂	"	May 3 "	4000 "	2380
11267.	"	♂	"	" 4. "	"	2389
11268.	"	♂	"	" 9. "	"	2460
11269.	"	♂	"	April 9. "	3500 "	2138
11270.	"	♂	juv.	May 23 "	3500 "	2625
11271.	"	♂	"	June 4 "	"	2731
11272.	"	♂	"	May 28 "	"	2660
11273.	"	♀	ad.	" 3. "	4000 "	2841
11274.	"	♀	"	April 14. "	3500 "	2149
11275.	"	♀	juv?	May 27 "	"	2658
11276.	"	♀	"	" 26. "	"	2648
11277.	<i>Selasphorus rufus</i>	♀	ad.	April 14. "	"	2142
11278.	"	♀	"	June 2. "	"	2700

11279. *Speotyto cunicularia floridana*. ♂ ad. Kissimmee Prairie, Florida May - 1885  
Bought of C. K. Worthen

Exchange from H. K. Coale.  
Collector H. K. Coale.

					Coll. No.
11280.	<i>Turdus alciata bucknelli</i>	♀ ad.	Hyde Park, Cook Co., Illinois,	May 6, 1883. "7.12 x 11.26"	4828
11281.	" <i>swainsoni</i>	♀ "	Grand Crossing " "	Sept. 9. "	5700
11282.	" <i>pellasei</i>	♀ "	Hyde Park " "	May 6. " 7 x 11.25.	4822
11283.	" "	♀ "	Chicago " "	Sept. 27. 1881	188
11283 1/2.	<i>Sialia sialis</i>	♂ "	Grand Crossing Cook Co., "	March 27. 1884 6.50 x 12	5618
11284	" "	♀ "	Hyde Park " "	" 7. 1878	4083
11285	<i>Scolecophagus bicolor</i>	♂ "	Near Cliff Ave., St. Louis Co., Missouri,	May 22. 1883 "6.25 x 10.12"	4941
11286	<i>Sitta carolinensis</i>	♀ "	Chicago Illinois,	Sept. 10. 1878	4108
11287.	<i>Parus atricapillus</i>	♂ "	" "	Oct. 29. "	4106
11288.	<i>Proglodytes aedon</i>	♂ "	Hyde Park, Cook Co., Illinois,	April 29. "	4114
11289.	<i>Dendroica striata</i>	— juv.	" " " "	Sept. 20. 1884 5.60 x 9.	5927
11290.	<i>Sitophaga ruticilla</i>	♂ ad.	Grand Crossing " "	" 5. " 5.25 x 7.50	5883
11291.	<i>Vireo gilvifrons</i>	♂ "	Lake Forest "	May 24. 1881.	3331
11292.	" <i>gilvus</i>	♀ "	River des Pires, St. Louis Co., Missouri,	May 21. 1885 5.38 x 8.71	4938
11293.	" <i>olivaceus</i>	♂ "	Grand Crossing, Cook Co., Illinois,	" 23. 1884 6.50 x 10.25	5816
11294.	" "	♀ "	" " " "	" 23. " 6.10 x 9.75	5812
11295.	<i>Eremophila a. praticola</i>	♂ "	" " " "	April 5. " 7.50 x 13.50	5662
11296.	<i>Plectrophane capponensis</i>	♂ "	Barned, Pawnee Co., Kansas	Feb. 26, 1885 [Coll. G. C. Maternum]	6498
11297.	" "	♀ "	" " " "	" " " " " " " "	6501
11298.	" <i>McCormi</i>	♂ ad.	" " " "	March 1. 1883 " " " "	4371
11299.	" "	♀ "	" " " "	Feb. 26. 1885 " " " "	6516
11300.	<i>Junco hiemalis</i>	♀ "	Colchown Illinois	April 4. 1880 6.10 x 9.25	2830
11301.	<i>Empidonax traillii</i>	♂ "	River des Pires, St. Louis Co., Missouri,	May 21, 1885 "5.87 x 8"	4931
11302.	" <i>acadensis</i>	♂ "	Davis Station, Indiana,	June 8. 1884 6.10 x 9.25	5744
11303.	<i>Sayornis fuscus</i>	♀ "	Grand Crossing, Cook Co., Illinois,	March 27. " 7 x 11	6627
11304.	<i>Myiarchus cinerascens</i>	♀ "	Washington Heights, "	June 19. 1880.	3001
11305.	<i>Junco oreganus</i>	♂ "	Jasper Co.	Nov. 15. 1883 11.50 x 16	—
11306.	<i>Scolecophagus peregrinus</i>	♂ "	Danforth, "	March 27. 1884 9.60 x 14.75	5612
11307.	<i>Sturnella magna</i>	♂ "	Gurnee "	April 1. 1881.	3132
11308.	" <i>m. neglecta</i>	♂ "	Barned, Pawnee Co. Kansas,	Feb. 26. 1885 [Coll. G. C. Maternum]	6519
11309.	" "	♂ "	Coffeyville "	Jan'y 3. 1881. "10.25 x 14.50"	3141
11310.	" "	♀ "	" " " "	" " " " "11. x 15."	3140
11311.	<i>Centurus carolinus</i>	♂ ad.	Rose Hill, Jasper Co., Illinois,	Dec. 14. 1883 "10.25 x 17"	5312

St. Helena Island, South Carolina. Coll. Walter Huxie.

					Colls.	Number.
11312.	<i>Dendroica pinus</i>	♂ juv. fall pl.	August 14, 1885. "5.7 x 9"	(marked "P. without any?")	—	—
11313.	" <i>palmorum</i>	♂	Sept. 21. "	"	1634	—
11314.	<i>Anthus ludovicianus</i>	♂	January 6. 1886 "6.5 x 10.8"	"	1696	—
11315.	<i>Ammodramus caudatus</i>	♀	November 23, 1885. "5.8 x 7.5"	"	1671	—
11316.	<i>Passerculus savanna</i>	♀	December 22, 1885. "5.9 x 8.3"	"	1675	—
11317.	<i>Melospiza melodia</i>	♂	January 6. 1886 "6.2 x 8.8"	"	1697	—
11318.	<i>Cardinalis virginianus</i>	♂ juv. autumn	1885.	"	1631	—
11319.	<i>Chalchophus hyperboreus</i>	♂ juv.	Sept. 25. 1885	"7.4 x 12"	1634	—
11320.	<i>Myiarchus cinerascens</i>	♂ ad.	April 20, 1885. Pin Barrens.	"8.4, 13.4, 4.3, 3.3"	1549	—
11321.	<i>Rallus elegans</i>	—	chick May 18, "	"	1670	—
11322.	<i>Circus hudsonius</i>	♂ ad.	January 1. 1886	"	1747	—
11323.	<i>Sterna forsteri</i>	♀	Feb. 16. "	"	—	—

Miscellaneous

Silver City, New Mexico. Collector Charles W. Marsh.

					Coll. No.
11324.	<i>Turdus nig. propinquus</i>	♂ ad.	February 16, 1884.		1363
11325.	" "	♂ "	March 25. "		1518
11326.	<i>Pipilo fuscus novemlineus</i>	♂ "	February 14. "		1349
11327.	" "	♀ "	" 16. "		1366
11328.	" "	♀ "	" 16. "		1367
11329.	" "	♂ "	" 19. "		1373
11330.	<i>Chondestes grammacus</i>	— ad.	Taylor's Station, Wisconsin	Spring	
11331.	<i>Eusporia americana</i>	♂ ad.	" "	"	
11332.	<i>Boxia c. mexicana</i>	♂ ad.	Santa Catalina Mts., Arizona,	November 6. 1885	Coll. W. D. Scott by G. G. Allen
11333.	" "	♀ "	" " " "	" " "	
11334.	<i>Puncaea tr. buckhami</i>	♂ ad.	Near Charleston South Carolina,	Apr. 1, 1884	Shot by G. T. May Skinned by W. B.
11335.	" "	♂ "	" " " "	" " "	
11336.	<i>Pipilo erythrophthalmus</i>	♂ ad.	Fairfax Co., Virginia,	April 24, 1885	Coll. W. Brewster
11337.	<i>Sylvania pusilla</i>	♂ ad.	Shelburne, New Hampshire,	Sept. 16, 1884.	Coll. G. P. Chadbourne
11338.	<i>Vireo calidris barbatulus</i>	♂ ad.	Leeward Islands, Florida,	May. 1885.	Bought of C. K. Worthen who received it with other Fla. skins directly from his collector then at work among the Leeward Islands. See letter (July or Aug. 1885) C. K. W.
11339.	<i>Eremophila al. praticola?</i>	♂	Ledyden, Lewis Co., New York,	Feb. 18. 1880.	
11340.	<i>Poospiza bilineata</i>	♀ juv.	Camp Lowell, Arizona,	Aug. 14, 1884.	Coll. F. Stephens Coll. No. 2532

Bought of Chothus Pisen.

Barro, Texas. Collector. Frank B. Armstrong (for C. P.)

11341.	<i>Dendroica pinus</i>	♂ [probably ♀]	January 10, 1880.
11342.	<i>Coturniculus passerinus pallidus</i>	♀	" 8, "
11343.	<i>Colaptes mexicanus</i> (hybridus)	♂ ad.	" — "
11344.	<i>Chamaepha passerina pallidus</i>	♂ "	" 9 "
11345.	" "	♂ im.	" 14 "
11346.	<i>Agelaius vociferus</i>	♀ ad.	" 18 "

Bought of C. J. Maynard (Feb. 1886)

				Collector.
11347.	<i>Jardus nigratorius</i>	♂ ad.	Boston, Mass., March 30, 1883.	F. H. Brackett
11348.	<i>Parus hudsonicus</i>	♂ "	Campbelltown, New Brunswick, April 26, 1884.	M. A. Fraser
11349.	"	♀ "	" " " 22 "	" " "
11350.	"	♀ "	" " " 22 "	" " "
11351.	"	♀ "	" " " 22 "	" " "
11352.	<i>Troglodytes aedon</i>	♂ "	Lake View, Minnesota, May 15-1883	F. H. Brackett
11353.	<i>Sitta pusilla</i>	♂ "	Rosewood, Florida, November 13, "	C. J. Maynard
11354.	<i>Sitta carolinensis</i>	♂ ad.	" " " 29 "	" " "
11355.	"	♂ "	" " " 18 "	" " "
11356.	<i>Dendroica pinus</i>	♂ juv.	" " " 13 "	" " "
11357.	" <i>palmarum</i>	♂ ad.	" " " March 30, 1884	" " "
11358.	" <i>striata</i>	♀ "	Watertown, Mass., May 25-1879	Wm. Patton
11359.	<i>Helminthophila vermiciformis</i>	♂ "	Watertown, Pennsylvania, June 10-1880	"
11360.	"	♂ "	Jefferson County, Texas, March 27-1885	Clothier River.
11361.	<i>Catharus bakanensis</i>	♂ "	Nassau, New Providence, Bahamas, Feb. 21-1884	C. J. Maynard
11362.	"	♀ "	" " " 11 "	" " "
11363.	<i>Pyrauga rubra</i>	♂ "	Dighton, Mass., Sept. 22, 1885	Charles Phillips
11364.	<i>Vireo solitarius</i>	♂ "	Watertown, Mass., April 28, 1877	F. H. Brackett
11365.	<i>Vireo noveboracensis</i>	♂ ad.	Key West, Florida, January 11, 1884	C. J. Maynard
11366.	"	♀ "	December 13, 1883	" DISCARDED
11367.	<i>Hirundo horreorum</i>	♀ "	Gobern, Mass., May 21-1881	E. H. Richards
11368.	"	♀ "	Dighton " July 6-1885	C. L. Phillips
11369.	<i>Loxia leucoptera</i>	♂ ad.	Boston " November 3-1883	F. H. Brackett
11370.	<i>Coturniculus hudsoni</i>	♂	Rosewood, Florida, December 5-1883	C. J. Maynard
11371.	"	♀	" " November 20- "	" " "
11372.	<i>Coturniculus lecontei</i>	♂	" " December 7- "	" " "
11373.	"	♂	" " November 21- "	" " "
11374.	"	♂	" " " 21- "	" " "
11375.	"	♂	" " " 27 "	" " "
11376.	"	♀	" " December 20 "	" " "
11377.	"	♀	" " November 21 "	" " "
11378.	"	♀	" " " 29 "	" " "
11379.	"	♀	" " " 20 "	" " "
11380.	<i>Zonotrichia leucophrys</i>	♂ juv.	Watertown, Mass., October 17-1876	Wm. Patton
11381.	<i>Melospiza palustris</i>	♂ ad.	" " May 2-1879	GONFAN EXCISE L. B. STANFORD
11382.	"	♂	" " 16-1877	"
11383.	<i>Sporilla pallida</i>	♂ "	Lake View, Minnesota, " 10-1883	F. H. Brackett
11384.	<i>Dolichonyx oryzivorus</i>	♀ "	Newton, Mass., " 19-1882	GONFAN EXCISE L. B. STANFORD
11385.	<i>Colaptes auratus</i>	♂ "	Rosewood, Florida, November 13-1883	C. J. Maynard
11386.	"	♀ "	" " 18- "	" " "
11387.	<i>Philohela minor</i>	♀ "	Boston, Mass., May 2-1878	F. H. Brackett
11388.	<i>Gallinago wilsoni</i>	♂ "	Rosewood, Florida, November 17-1883	C. J. Maynard
11389.	"	♀ "	" " 17- "	" " "
11390.	<i>Erumitis pusillus</i>	♀ "	Mount Rock, Mass., July 28-1878	Wm. Patton
11391.	<i>Tringa minutilla</i>	♂ "	Cambridge, " May 20-1882	"
11392.	"	♀ "	" " 19- "	"
11394.	<i>Ortyx virginiana</i>	♂ "	Boston " June 18-1885	F. H. Brackett
11395.	"	♀ "	Marshfield " 23-1877	" " "
11396.	<i>Elanoides forficatus</i>	♂ "	Florida, March-1878	"
11397.	<i>Phoenicopertus ruber</i>	♀ "	Andros Island, Bahamas, May 13-1884	C. J. Maynard

11398.	<i>Loarus marinus</i>	♀ ad.	Southern Labrador, May 17, 1884	M. A. Fraser
11399.	<i>Anas boschas</i>	♀ "	Sallas, Texas, Nov. 27, "	Clothier River
11400.	<i>Plotus umbinga</i>	♂ "	Allen's Creek, Florida April 24, 1883	"

1886 Titusville - Florida - Collector. C. J. Maynard. (Bought Feb. 1886)

11401.	<i>Ammodramus nigrescens</i>	♂ ad.	March 11, 1886	
11402.	"	♀ "	Feb. 25- "	
11403.	<i>Corvus americanus floridanus</i>	♂ "	March 2- "	
11404.	<i>Anas fulvigula</i>	♂ "	Feb. 28- "	
11405.	"	♀ "	" 23- "	
11406.	"	♀ "	" 26- "	"About to breed"
11407.	<i>Ortyx virginiana floridana</i>	♂ "	March 9- "	
11408.	<i>Fallica auricularia</i>	♂ "	Feb. 16- "	
11409.	"	♀ "	" 16- "	

Collected near Titusville,  
Indian River, Florida.  
Locality probably the  
same as that where  
C. J. M. took the  
types of *Am. nigrescens*  
*and. boschas fulvigula*  
and *Plotus*.

In the flesh from E. S. Bowler.

11410.	<i>Loxia leucoptera</i>	♂ ad.	Milford, Maine, April 9, 1886	
11411.	"	♂	" " " " " "	
11412.	"	♂	" " " " " "	
11413.	"	♂	" " " " " "	
11414.	"	♂	" " " " " "	
11415.	"	♂	" " " " " "	

Lefts. of mealy  
scales on the  
feathers.

Sent to Mass. State College

1885

Belmont

- |        |                                  |       |    |
|--------|----------------------------------|-------|----|
| 11416. | <i>Larus migratorius</i> .       | ♂     | 10 |
| 11417. | " "                              | ♂     | 10 |
| 11418. | " "                              | ♀     | 10 |
| 11419. | " "                              | ♀     | 10 |
| 11420. | " "                              | ♀     | 10 |
| 11421. | <i>Scotophagus ferrugineus</i> . | ♂ im. | 10 |
| 11422. | " "                              | ♀ ad. | 10 |
| 11423. | " "                              | ♀     | 10 |
| 11424. | <i>Agelaius phoeniceus</i> .     | ♂ ad. | 10 |
| 11425. | <i>Parus atricapillus</i>        | ♂ "   | 10 |
| 11426. | " "                              | ♀ "   | 10 |
| 11427. | <i>Ampelis cedrorum</i>          | ♀ "   | 10 |
| 11428. | <i>Sporocella monticola</i>      | ♀ "   | 10 |
| 11429. | <i>Scops asio</i>                | ♂ "   | 10 |

Clear, still, and very warm. The most springlike day thus far in 1886. Starting at 9 A.M. with Chadbourne I was driven to Belmont where we first visited the Willows and shot some Rusty Blackbirds. Returning through Prospect Street I dismissed the coachman with instructions to meet us late in the afternoon. Thus we had a long day in the pine and cedar woods and we enjoyed it to the utmost.

Spring was in the air; every bird, every insect proclaimed that winter was past, summer close at hand. Over the broad meadows at the Willows the grass was fairly green, red wings were rising on the feathered butter bushes, rusty black birds in a great flock, laughing and tinkling in chorus, while from every side came the low, hoarse, rolling croaking of the leopard frogs. Song sparrows murmured in every bush and briar patch, chanting their songs so sweet, so tenderly pure and bright. Overhead blue birds were sounding in the blue dome their calls falling faintly on the ear.

In the pines and cedars were numerous Robins and Cedar Birds and occasionally a Purple Finch. Song Sparrows here also. In a rain-water pond hundreds of *Rana palustris* were floating on the surface or swimming about chasing one another in a slow deliberate way, their harsh discordant voices audible hundreds of yards away. The tone distant an occasional Robin piping. *Aristida* butterflies were sailing about in the sunny openings. The hard pines were intensely green, even the cedars were bright and fresh looking. This is the growing season of them there.

In the cedar I got a Grass that at a Cooper's Hawk, which chased a Robin past me. I only brought down a few feathers. Hunting the old apple orchard near Arlington Heights I found a Scree (red phase) in the hole where Epelman told me several years ago.

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## Belmont.

11430. *Gallinula porphyrio* - Ind. albino - The Willows - in company with three others of normal color.  
 11431. *Molothrus peccatus* - ♂ ad. - " " " " " " " " " " " "  
 11432. *Ampelis cedrorum* - ♀ " " " " " " " " " " "  
 11433. *Parus atricapillus* - ♂ " } Mated pair - not within several weeks of breeding.  
 11434. " " ♀ "

Clear and the warmest day of the season thus far. Ther. 75° at noon  
Starting at 9 a.m. with the coachman to look after the horse I drove  
first to the Belmont "Willows" hoping to find some Yellow Redpoll Warblers  
there. There were none however, and little else save Song Sparrows and  
a few Red-wings (no Killdeer), turning at the western end and driving  
back I spied a curious looking bird in a thicket by the roadside and  
jumping out found that it was a beautiful albino Purple Finch. There  
were several others with it and the flock almost immediately flew  
down into the road where I shot the albino with my pistol.

I then drove to Prospect St. where I took a good tramp through the cedars. The northern Robins were all gone but I found a few Cedar Birds still lingering in this favorite haunt of theirs. There were also Purple Finches and Chipping Sparrows singing and everywhere in the pastures outside Field Sparrows were making the air ring with their music. I looked in vain for Pine Warblers.

In the forests *Rana helveticus* so numerous and noisy as the 9<sup>th</sup> were either absent or silent to-day their places being taken by the common toad (*Bufo americanus*) which were trilling incessantly.

The maples and elms are dense with blossoms, the poplars and hazels with catkins, and I saw a few Sp. C. also come north with the golden flowers. The grass is very green & growing.

On the willow meadow the leopard frogs were still in full voice, a few Red wings were singing, and a Brown Thrasher was singing in the distance.

April 23

Waltham. ("Warren Russia")

11435. *Dendroica p. hypochrysa* ♂  
 11436. " *pinus* - ♂  
 ✓ 11437. " " ♂  
 11438. *Parus atricapillus* ♂ ad. } mated pair. I would not have laid for it  
 11439. " " ♀ " } least two weeks  
 11440. *Spizella socialis* ♂ "  
 11441. " " ♂ "

Clear and a really hot day; wind S. W.

Starting at about 10 a. m. I drove first to and through the bottom  
saw one Yellow-rump then, a small flock of Rusty Blackbirds and heard  
Swamp Sparrows singing all over the meadow. Not exciting.

kept down to the "Warren Run" where I killed the birds, indicated above. Vegetation is fully two weeks ahead of the usual stage at this date. Marsh marigold ("Cowslip") in full bloom on Rock Meadows. Maple blossoms fallen.



1886  
April 2

Middlesex County, Massachusetts  
Concord

We moved to Concord this morning, having taken the old house for the summer. I was obliged to return to Cambridge in the afternoon, however, and to spend the evening there. The morning was very fine and during the short time I was able to spend along the river bank and in the orchard this morning I saw several American Crows and a little company of Field Sparrows in the orchard. In the field a *Partholopha caerulea* was seen in a row of corn and several *Junco*. A pair of Brown Woodpeckers were also seen in the orchard. In the field a pair of Crows had a finished nest. A muskrat was swimming. From place to place I saw his peculiar swimming way, his wings were beating over the green meadow and blue birds were seen.

May 2 Sunday

Came to Concord last night to spend Sunday with my business in Cambridge and Boston was still uncompleted.

Early this morning there was a general chorus of bird voices such as we used to hear in Cambridge before the war. I saw a Robin, Song Sparrow, Chickadee, Purple Finch, House Finch etc. and in the air a pair of *Hirundo* and one pair of *Progne subis* and one pair of *Progne subis*.

Early in the forenoon I went down to the boat house and found an hour sitting on its sunny western wall. Red wings rising in all directions, a Meadow Lark whistling on by the railroad station, the crows occasionally coming to see that their nest on a reed in the water was still held its two eggs. In the water beneath several species of fishes were feeding or playing. I compared them to boats; the red perch long narrow; swift of movement resembled a steam launch; the bream, deep, broad, and fat resembled a horse schooner, while a catfish, round and rooty along the bottom, almost a man-of-war. The monitors of course were the turtles of which there were dozens in sight all of the red banded ("soldier turtle") species. One came along fast, me feeding. It would raise its head above the water, look warily about for a moment then sink and walk along the bottom exploring it, inch by inch and feeding like a hen pecking about on the ground. I saw it with a quick motion of the head and neck. I turned it repeatedly and found that it remained under water from 30 to 180 seconds, the latter period being the longest noted.

In the evening I walked to the top of Popley's Hill. The shrub bush was in full bloom and the birches and maples dense with young foliage. Robins, chipping sparrows and song sparrows were singing among the pines, Red wings in the great meadows, nothing else noted. Apparently the late migrants have not yet come.

May 3 Clear and cool. In Boston all day; hence no observations except I saw & heard two Rusty Blackbirds by the railroad station.

" 4 In Cambridge and Boston all day; no observations.

1886  
May 5

Middlesex County, Massachusetts  
Concord

Cloudy and warm with south wind. Thunder shower in P.M. was a heavy shower of migrants to-day; in fact the country was fairly alive with birds. I heard several new comers singing at daybreak and saw a Wood Thrush hopping about on the ground under the lilacs after breakfast.

My day was doomed to be a broken one as I had an engagement in Boston at three o'clock so I did not attempt any collecting but merely took a drive in the forenoon going up around the "Farmer's Lot." Several *Physalis* were singing in the orchards, Brown Thrashers and Towhees in the pastured crop (Minutemen), Nashville Warblers and Chestnut-sided Warblers in the woods. I also heard a Grosbeak and a Yellow Warbler. Doubtless there were many more new comers but I had little chance to detect them. Honeycreepers flying about over the town in the evening.

The vegetation is generally dormant for the season. Every tree has been in blossom more than a week (they opened in Cambridge April 23 and by April 25 were in full bloom), pear trees are also out and the apple tree in the orchard has showed a few expanded blossoms this evening. In the woods the shrub bush is still in full flower. I had the first blossoms April 27, the poplars are dense with foliage, the birches cast a slight shade and even the oaks have already expanded a few leaves while their brother oaks gain the trees a little pink tinge. The country looks as if it were the last instead of the first week of May. It has never been as early a spring before.

1886  
May 6

Middlesex County, Massachusetts.  
Concord.

11442. *Dendroica pinus* ♂ ad.  
11443. " *p. hypochrysa* ♀ ad. COHEN IN RECH. TO BOWT. DOC. NAT. HIST.  
11444. " " " ♀ "  
✓ 11445. *Mniotilta varia* ♂ ad.  
11446. " " " ♂ "  
11447. " " " ♂ "  
11448. *Sylvania carolinensis* ♂ ad.  
11449. *Seiurus virens* ♂ ad.  
11450. *Melospiza melodia* ♂ " } Mated pair. ♀ laying  
11451. " " " ♀ "  
11452. " *prohans* ♂ " COHEN IN RECH. TO BOWT. DOC. NAT. HIST.  
11453. *Zonotrichia albicollis* ♀ im COHEN IN RECH. TO BOWT. DOC. NAT. HIST.  
11454. *Colaptes phoeniceus* ♀ ad.  
11455. " " " ♂ "  
11456. " " " ♂ "  
✓ 11457. *Tachycineta bicolor* ♂ " } Mated pair. ♀ laying. COHEN IN RECH. TO BOWT. DOC. NAT. HIST.  
11458. " " " ♀ im } hole on bank of river.  
11459. *Rhyacophilus solitarius* ♂ ad. Shot perched on top of small pile.

A fair day, partly sunny, with frequent intervals of cloudiness. Cool with rather high north wind.

Starting at 9 A.M. I rowed down river. A little below the stone ridge two Snipe hunters asked to be ferried across. They had shot a lot but snipe and killed two. After I left them they fired two more shots but I was too far away to see at what or with what results.

I had only my 32 cal. pistol and on the way to Ball's Hill shot only two Red wings of which there were great numbers everywhere, more it seemed to me, than I can saw before.

Landings at Ball's Hill I found a small mixed flock in the oaks along the South Slope. There were five Crows (*Mniotilta*), as many Yellow-rumps, three Palm Warblers, one Pine Warbler, and a single Canada Flycatcher. I made a good bag here in a short time and started to return.

On the way home I shot two Red-wings, a Bluebird, a pair of Swallows, *Tachycineta*, and a Solitary Sandpiper. The latter I started from the river bank on my way down in this morning. It was back again in the same place when I returned but was very shy. Finally it alighted on the topmost twig of a bush back where I shot it.

The meadows were very beautiful, the grass already a foot high in favored places, leaving the river the maples and alders are dense with foliage. The marsh marigold is still in full bloom.

Orniths arrived this morning. I heard one at daybreak, and two others later. The apple orchard was in nearly full bloom this afternoon.

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1886  
May 7

Middlesex County, Massachusetts.  
Concord.

11460. *Dendroica coronata* ♂ ad. COHEN IN RECH. TO BOWT. DOC. NAT. HIST.  
11461. *Helminthophila ruficapilla* ♀ ad. W. B. BARNARD

Clear and warm. Wind S.W. in the afternoon S.E.

Paddled up the Assabet in the forenoon. Birds were rather numerous and I noted several arrivals; *Solitary*, a single male in full song; *Gotha* *typis* *trichas*, several singing; and *Vireo olivaceus* a single male singing.

The apple orchards are in nearly full bloom to-day and, as usual, filled with honey bees humming loudly.

May 8

A cold N.E. rainstorm with high wind lasting all day (it began early last night) and clearing at sunset.

Spent the day in Boston.

May 9

11462. *Polioptila citreola* ♂ ad. rather fat; stomach well filled with insects chiefly beetles. Shot about 5 P.M. on the banks of the Assabet River about 150 yds. above the headwaters. This is the first specimen ever taken in Massachusetts.

Clear and cool with high N.W. wind. A glorious day as far as weather is concerned with the country wreathed in fumes.

In the forenoon I drove C. to Sudbury. The roads are sandy and with much grass. Passing through woodlands, occasionally striking open meadows. The apple orchards were at their highest perfection and the shade bushes still in bloom bordered all the swampy fields with patches of white. Birds were numerous but I saw nothing of any particular interest. Meadow larks were common one or more being seen or heard in every meadow. Bluebirds were frequently seen along the roadside and Orioles occurred about the orchard and along shaded foundations in apparently undiminished numbers. I neither saw nor heard any *Protonotaria* although we passed many places in early season suited to their habits.

In the afternoon I rowed up the Assabet with D.C. French. While midway in the straight reach above the headwaters my companion asked "is that a Yellow Warbler?" pointing out a small bird hopping about in some drift wood caught in the lower branches of the black alders lining the west bank. After looking at it intently for a moment I was amazed to recognize my old Mt. Carmel friend the *Protonotaria* Warbler. He had no pin but it did not take long to whirl the boat around and start back for me. Returning in about three quarters of an hour. We found our little stranger gone but presently I heard him chirp and there he was in an undergrowth near at hand. At length he emerged from beneath a mat of drift and I shot him, dropping him in the water.

He afterwards rowed up as far as the Arch Bridge and returned in time for tea.

1888

May 10

Middlesex County, Massachusetts  
Concord

11463. *Dendroica virens* ♂ ad. COMMON IN KICH. TO BUSH. BOC. NAT. HIST.  
 11464. " *setifera* ♂ "  
 11465. " *maculosa* ♂ "  
 11466. " *p. hypochrysa* ♀ "  
 11467. *Mniotilta varia* ♂ "  
 11468. " ♂ "  
 ✓ 11469. *Helminthophila ruficapilla* ♂ ad. (M. J. Allen)  
 11470. *Setophaga ruticilla* ♂ ad. COMMON IN KICH. TO BUSH. BOC. NAT. HIST.  
 11471. *Parus atricapillus* ♂ = { Mated pair.  
 11472. " " ♀ =  
 11473. *Vireo flavifrons* ♂ "  
 11474. " ♂ "  
 11475. *Melospiza palustris* ♂ "  
 11476. " *melodia* ♀ " incubating  
 ✓ 11477. *Tonotrichia alba* ♂ im. Each of 2 seen in 1  
 11478. *Passer domesticus* ♂ ad. COMMON IN KICH. TO BUSH. BOC. NAT. HIST.  
 11479. *Spizella pusilla* ♂ " partial albus - sural tail feathers white.  
 11480. *Mimus carolinensis* ♂ "  
 11481. " ♂ "  
 11482. *Agelaius phoeniceus* ♂ "  
 11483. *Polioptila caerulea* ♂ "  
 11484. *Perisoreus* ♂ ad. incubating  
 11485. *Tringoides macularius* ♂ ad.

Morning clear, still, and very warm; afternoon cloudy with chill & wind.

Started down river at 9 A.M. The swift current carried me along at a good pace and I used nothing besides the paddle reaching Ball's Hill in about an hour. The meadows were alive with Red wings as usual with the addition of a single Bobolink. In the tall white maples near "the blent" a Warbling Vireo was singing. Yellow Warblers were heard on every side in the black willows that overhang the stream and I passed a small flock of Yellow-rumps and a single Water Thrush. At least three pairs of Swallows (*Lachrymator aestiva*) were inspecting holes in the largest maples where they will sometimes breed.

At Ball's Hill I found only a few birds among them a *Dendroica maculosa*. I had shot only one bird on the way down but here by hard work I got seven. I then tramped through the woods across the land to the river below the great bend and picked up four or five more.

Returning I paddled down stream around this bend and perhaps half a mile below where I shot most of my specimens and sat lunch on a hillside timbered with some fine old white pines and a very few other woods.

The remainder of the afternoon was consumed in sowing pumpkins, stopping frequently by the way. I reached the house by 4 P.M. The apple blossoms are beginning to fall.

18

1886

May 11

Middlesex County, Massachusetts  
Concord

Cloudy, with strong north-east wind and driving mist or fine rain at intervals.

Spent most of the day in the house. On or near the place I saw a Rusty Blackbird, a Yellow-rump Warbler, and the usual assortment of common birds.

May 12

11486. *Helminthophila chrysoptra* ♂ ad.  
 11487. " *ruficapilla* ♂ "  
 11488. " " ♀ " laying - one egg in oviduct of full size but without shell (M. J. Allen)  
 11489. *Dendroica pensilvanica* ♂ "  
 11490. " ♂ "  
 ✓ 11491. *Mniotilta varia* ♂ " Given to Mrs. Hanger, March 1886.

Morning cloudy and misty; afternoon clear; a dead calm all day. Weather cool.

Starting at 9 o'clock this morning I drove to Hall's brook and spent the forenoon there, having my buggy driven home and back again for me about noon.

Many of the birch copes have been cut away over this ground, hence I was there last changing its appearance materially. There is abundant cover remaining, however, and it was fairly well supplied with birds, most of them common species, and all summer residents, not a single migrant being seen.

As I passed through the birches, being the turnpike and entered the old apple orchard the scene was equally attractive to three of the senses - sight, smell and hearing. The apple trees were snowy domes of blossoms which scented the air with their delicate fragrance and among which countless bees droned and hummed. The orchard was fringed on every side by a setting of the tenderest green ~~with~~ very now and then a touch of salmon red marking the position of a solitary maple with its clusters of winged seeds. Three Brown Thrashers were trilling at once in different directions, their varied notes drowning the weaker voices of the Warblers and Sparrows. Every now and then, however, the song of a Chestnut-sided Warbler or Black & White Creeper would rise above the din and in the distance I occasionally caught the jangle-dee of a Golden-winged Warbler or the chirping notes of a Field Sparrow. A Grouse was drumming regularly in some oak woods across the turnpike and a pair of Downy Woodpeckers bounding their call taps in the tops of some tall chestnuts. Then there were Towhees, Song Sparrows, Robins and Flickers joining their voices to the chorus at more or less frequent intervals. Thus, the old orchard with its glory of blossoms, emerald turf, and sylvan surroundings was a scene fit for the Gods this gray misty May morning.

1886  
May 13.

Middlesex County, Massachusetts.  
Concord.

11442. *Helminthophila picipapilla* ♂ ad.  
11443. " *chrysoptera* ♂ "  
11444. " " ♂ "  
11445. *Dendroica pennsylvanica* ♂ "  
11446. *Pyrauga nebra* ♂ "  
11447. " " ♂ "  
✓ 11448. *Hydromela ludoviciana* ♂ "  
11449. *Pipilo erythrophthalmus* ♂ "  
✓ 11500. *Cyanocitta cristata* ♀ incubating - taken with nest and 4 eggs  
11501. " " ♀ " " " " 5 "

Cloudy and cold; wind N.E., light. At 11 A.M. the sun came out and it was warmer for an hour or more but the clouds soon gathered again.

Starting at 9 A.M. I was driven to the Brim Hill where I spent the forenoon having the buggy brought back for me at 12.30.

The morning was similar to that of yesterday but colder, with more wind. Nevertheless birds sang freely during the entire forenoon and when the sun came out there was a general burst of melody that made the woods and fields ring.

My tramp to-day was over a mile or more of the varied ground lying east of the Brim Hill; heavy old growth of oaks, chestnuts & white pines; second growth hardwoods; pastures fringed with cedars and barberry bushes with frequent clumps of ground juniper; and the famous Ash Swamp, a broad springy meadow choked with dense brushwood chiefly birches, alders, viburnums, and young oaks and maples.

Everywhere throughout this region, except, of course, in the solid belts of old woodland, there are innumerable wild apple trees, growing sometimes in clusters but often scattered about singly. These to-day were in every stage of flower, some with their deep rose-red buds only beginning to unfold; others partly buds, partly blossoms; but the majority, clouds of snow-white, perfect flowers. In every direction they met the eye, crowning the pasture knolls, half concealed in the delicate green of the birches that fringed the runs, standing in strong relief against the dark solid green of the pines. In all my experience in Massachusetts I do not remember anything to compare with this sight. I doubt if such a wealth of beauty is ever equalled elsewhere even in the tropics!

Birds were numerous but as on yesterday I saw nothing but the regular summer birds of this locality. Where can the migrants be? There were Brown Thrashers in great abundance making the air ring with their powerful voices, Field Sparrows in all the open pastures, Chestnut-sided Warblers in the swamps, Ashville Warblers and Towhees among the birches, and in the oak woodlands Lutescents and Grosbeaks both in full song. In my opinion we have no song bird in Massachusetts that can equal the Rose-breasted Grosbeak.

I saw two Hairy Woodpeckers and found two Palm Sapsucker nests, one with 4 the other with 5 eggs.

In our lilac bushes a White-throated Sparrow was spending the afternoon

1886  
May 16

Middlesex County, Massachusetts.  
Concord.

11502. *Helminthophila chrysoptera* ♂ ad.  
11503. *Helospiza meloda* ♀ "

[The 14<sup>th</sup> and 15<sup>th</sup> were both cloudy and cold with north-east wind. On both days there was a brief space of sunshine at noon and in the early afternoon. Fine rain began falling on the evening of the 15<sup>th</sup> and later in the night it rained heavily and continuously. I spent both days in the city and made no observations of importance here. I am inclined to think from what I saw about Concord place in the early morning that there was no considerable influx of migrants on either day.]

This morning up to nine o'clock was cloudy with steady rain. At about ten o'clock the rain ceased and soon afterwards the wind came from the N.W. and the sky cleared. The remainder of the day was fine but cool with a high wind.

At 10 A.M. I started for a long drive with Purdie. He went up through the Brim Hill road to Carleton, thence westward nearly to Acton and back by way of the "Parker lot" cross road.

Birds were fairly numerous and in full song. There has been a great increase in the number of Orioles since my last long drive & we saw them everywhere. Near the further end of the Brim Hill road a fine adult *Merula borealis* left his perch on a tall tree in an opening and sailed through the woods throwing his red tail as he turned and twisted to dodge the branches.

In the afternoon we rode down river to Ball's Hill. The strong N.W. wind ruffled the placid stream and few birds were singing except Woodpeckers of which we heard at least a dozen. Found the nest of a Hairy Woodpecker (see card)

May 17

11504. *Helminthophila chrysoptera* ♂ ad.  
11505. " " ♂ "  
11506. *Helminthophila picipapilla* ♂ ad.  
11507. *Vireo flavifrons* ♂ "  
11508. *Pinus villosus* ♂ ad. incubating.  
11509. " " " "

[A mated pair. Oak woods in my wild country a mile or more from any house or farm. I shot near nest from which it emerged & which afterwards proved to contain newly-hatched young.]

Clear with cold blustering N.W. wind.

With Purdie spent the morning on the Brim Hill road. We first attempted to get the nest of the Hairy Woodpecker found yesterday but to our surprise and disappointment it contained young. I shot the ♂ before this fact was discovered.

Afterwards we had a good tramp through the wild orchards, birch runs and open oak woodland. Found the nest of a flying squirrel in an old woodpecker's hole low down. The ♀ squirrel looked out when I rapped on the trunk. Purdie shot the tree when she ran up the longest stem and flew at least thirty yards. Nest had two young as large as field mice and well furred, a little paler in color

1886  
May 17  
Middlesex County, Massachusetts, (Concord.)

than this mother but otherwise similar. They had their eyes closed out one opened them for a moment. They uttered a queer shrill chirping closely similar to that of the common black chickadee. She immediately brought back the mother who took a long flight directly to the tree and alighted within two feet of P's head. She uttered continually the same chirp like chirping and when P held out one of the young in his hand she came slowly and timidly to within six inches of it but would come no nearer. She was a beautiful little creature with her great melting black eyes (which seemed to bear the true light without shimmering) and her soft mouse-colored coat. She seemed perfectly gentle and showed nothing beyond an admirable motherly solicitude but P said she would have bitten sharply enough had he caught her. He chased her about for some time and made her fly many times. It was a truly remarkable performance. She would immediately run nimbly up the trunk to a height of fifteen to twenty feet then launch out with tail and feet spread. Her flight was down an inclined plane and as swift and direct as an arrow, rising sharply just before she reached her objective point. Once she reached for at least thirty yards close to the ground, and for most of the distance nearly on a level. During this flight I distinctly saw her turn aside to avoid a twig. As she did this it looked as if her speed was abruptly checked and then resumed again. I could not see the slightest motion of her tail or "wings" other than that their inclination was slightly changed to direct her course. Her manner of passing from tree to tree reminded me of the Brown Creeper, and she struck the objective trunk in a precisely similar manner.

As soon as we ceased pursuing her she flew back to her nest. He had broken open the hole nearly to the bottom exposing the ball of fine dry grass in which the young were nestled. The mother inspected this nervously and with evident apprehension. Then she rooted her way directly into it and disappeared. For a moment the mass quivered and pulsed as she worked her way through it. The next she was looking out again her fears now calmed by the discovery that her darlings were safe. Both young were alive with large brown fleas.

In an old hair Woodpecker's nest not over 200 yards away and then flying spindly had a house. He protruded his head when we rapped on the trunk but would not come out. As the hole was some thirty feet above the ground we did not disturb him.

Few birds were singing this morning except Grosbeaks of which we heard and saw perhaps a dozen. The strange absence of northern migrants continues a marked feature of this season at this locality. I saw a single *Zonotrichia albicollis* this morning but nothing else that does not regularly summer here.

The apple blossoms are fast their prime but they hold out wonderfully and many of the trees have not shed a petal yet.

1886

May 18

11510.

11511.

11512.

11513.

11514.

Middlesex County, Massachusetts, Concord.

- Dendroica maculosa* ♂ ad.
- " " ♂ "
- " " ♂ "
- Parus americana* ♂ "
- Setophaga ruticilla* ♂ "

Clear and rather warm. Wind N. Off in the morning for two or three hours driving to Lincoln by the Sandy Pond road and back by way of the turnpike. At Sandy Pond I heard a Golden-wing Warbler and got a fair shot at him but he flew just as I was about to fire.

I did not shoot anything whatever until we reached Halls on the way back. Here I spent about an hour in the bushes. Birds were more numerous than hitherto with a fair sprinkling of migrants. I saw only one species not already noted, a Thrush which I took to be *T. swainsoni*. It was in an old orchard & was very shy. I flushed a large Woodcock near the opening hole. It was apparently a ♀ but it showed no signs of having either eggs or young nearly rising with a heavy whirring and retreating swiftly off.

The apple blossoms were falling fast to-day. *Am. vinnata* just hatching out and looking distinctly like a young ash.

May 19

11515.

11516.

11517.

11518.

11519.

11520.

11521.

11522.

11523.

11524.

11525.

11526.

11527.

11528.

- Holminthophila chrysophylla* ♂ ad.
- " " ♂ "
- Dendroica pennsylvanica* ♂ "
- " " ♂ "
- Setophaga ruticilla* ♂ "
- Hydromela ludoviciana* ♂ "
- " " ♂ "
- " " ♂ "
- " " ♂ "
- " " ♂ "
- Cyanocitta stelleri* ♂ "
- Chrysomitris tristis* ♂ "
- Zonotrichia albicollis* ♀ "
- Geothlypis trichas* ♂ "

Clear rather cool with high N. wind. Spent the morning on the east side of the Birch Hill road. Birds very abundant many of them migrants scattered about & hard to find owing to the wind. Shot a *Am. leucophrys* in a brush heap bordering the road along a wall but could not find him. A great change in the woods since yesterday many of the trees dense with

1886.  
May 20

Middlesex County, Massachusetts.  
Concord.

11529. *Turdus fuscus* ♂ ad.  
11530. *Harporhynchus rufus* ♂ - } Mated pair & laying.  
11531. " " ♀ " }  
11532. *Mimus carolinensis* ♀ " }  
11533. *Dendroica aestiva* ♂ " } Mated pair  
11534. " " ♀ " }  
11535. " *penicillata* ♂ ad.  
11536. " " ♂ " }  
11537. *Vireo gilvus* ♀ " Eggs all laid, incubating.  
11538. *Spizella pusilla* ♂ " }  
11539. " *socialis* ♂ " }  
11540. *Hylocichla ludovicianus* ♂ im }  
11541. " " ♂ " }  
11542. *Agelaius phoeniceus* ♀ ad.  
11543. " " ♂ "

Clear and warm. Wind S. W. and strong. A heavy thunder-shower late in the afternoon.

Starting at 9.30 A. M. with Chadbourne I spent the day up the Concord River going as far as Fairhaven Bay.

On the way up river we found five or six Redwing Blackbirds' nests two containing four eggs each, one three eggs and the remaining three only one egg each. All were in the tops of tussocks or among tall marsh grass and some in bushes, (the bottom bushes being still leafless and appearing as concealment.)

We landed first at the grove of tall pines opposite the Cliffs. There were few birds here but I started two grouse on a pine cock the other apparently c. her. Both ran swiftly off without talking wing, the cock stopping when less than twenty yards away and with crest and ruffs raised and tail spread and slightly elevated, shaking his head and uttering the rickling noise so like that of the red squirrel. I have rarely seen these birds so tame in Massachusetts.

We next landed at the Spring and after lunch took a long tramp up over the hill coming out finally onto the pine cliff on the west side of the Bay. Here I found a Phoebe's nest pretty built in a niche of the rocks and formed outwardly of green sphagnum moss. It contained four eggs far advanced towards hatching and a Cow-bird egg which I removed, leaving the others. I really wanted the nest and its contents but it was such an addition to the picturesque spot that I could not bear to disturb it. Both birds were near it.

On our way down river we were overtaken by the shower and forced to take shelter under the bridge below Fairhaven. Just before the rain came a Plover uttered his regular notes from the neighboring meadow. He reached town at sunset.

1886

Middlesex County, Massachusetts.  
Concord.

May 21

Clear and very warm in the afternoon. Spent the day in Boston and hence made no observation save a few on my drive to Cambridge early in the morning. Mr. Purdie tells me he saw *Sylvania pusilla*, and *Contopus virens* and *Dendroica striata* at Milton.

" 22

Clear and very warm all day. Went to Boston again and probably lost the day of the season by so doing. Drove from Cambridge to Concord late in the afternoon but saw nothing of any interest.

" 23

Sunday. Clear and decidedly the warmest day of the season thus far. In the morning took a short drive and heard a Heron's Warbler singing on Monument St. Several Black-poll Warblers and a Wood Pewee were also singing in our orchard and I heard a Cuckoo there in the afternoon. The Black-poll was heard here yesterday morning, also.

May 24

11544. *Turdus u. bicolor* ♂ ad.  
11545. " *fuscus* ♂ " }  
11546. *Mimus carolinensis* ♂ " }  
11547. " " ♀ " } One laying, the other sitting on eggs.  
11548. " " ♀ " }  
11549. " " ♀ " }  
11550. *Sinus natus* ♀ "  
11551. *Dendroica aestiva* ♂ "  
11552. " *penicillata* ♂ "  
11553. *Vireo gilvus* ♂ "  
11554. " *flavifrons* ♂ "  
11555. " " ♂ "  
11556. *Icterus baltimore* ♀ " laying  
11557. *Tyranga rubra* ♀ " "  
11558. *Picus pubescens* ♂ " incubating  
11559. *Contopus virens* ♂ "  
11560. " " ♂ "  
11561. " " ♀ "  
11562. *Myiodytes canadensis* ♂ "  
11563. *Tyrannus carolinensis* ♂ "

Warm and still; the sky overcast by a dense haze through which the sun shone dimly all day.

Starting at 10 A. M. I paddled down river to Bull's Hill stopping only once and shooting a *Vireo gilvus*, *V. flavifrons*, and a ♀ *Icterus baltimore* all in the same spot.

The river was smooth as glass, the air perfectly still and



1896  
May 24

## Middlesex County, Massachusetts

the songs of birds could be heard for unusually great distances. It was a real singing day, too, and the birds kept it up almost without cessation from morning until night.

Along the strip of dry meadow bordering the river Bobolinks were holding high carnival and chasing the females in the intervals of their songs. They were quite as numerous as of yore and I saw not less than a dozen. The Red-winged Blackbirds have behaved wonderfully within the past week. Their mates are now sitting and I startled many from their nests in the sweet flag or blue joint as I paddled along.

A new comer on the river was the Black-bellied Cuckoo of which I heard several. The King-birds have also increased materially since my last trip at least fifty being seen to-day.

Opposite Ball's Hill a fine male Wood Duck rose from the bottom bushes in shore and circled around the boat just out of camp his brilliant coloring showing plainly. He crossed the pond over the woods and disappeared down river.

Landings at the hill I spent several hours along its base and sides as well as on the top. Birds were numerous with a fair sprinkling of migrants, chiefly Black-poll & Water Thrushes.

I next paddled around the great bend and down to the wooded hill below, where I lunched and spent most of the afternoon.

On my way up river I looked rather closely for Red-wings nests and found no less than seven, three with 4 eggs, three with 3 eggs, and one with 1 egg.

While thus engaged I started a Virginia Rail which drew up its legs and flew swiftly across the river. Shortly afterwards it uttered its peculiar grunting song from a deep growth in blue joint in which it had taken shelter. Two Carolina Rails were also calling out on the Great Meadows and a Bittern "pumped" them at frequent intervals for an hour or more.

The woods are now in nearly full leaf and the croakings along the river quite so. The bottom bushes are just getting green. The bull frogs were in full cry to-day for the first time although I have heard a solitary one bellow occasionally for a week past. At night the common toads still keep up a guttural racket but all have changed to their late or summer song. The peculiar morning cry of the marsh frog (*R. palustris*) has nearly or quite ceased. It was a prominent nocturnal sound up to nearly the end of last week.

The mosquito season is now at its height. They were nearly as numerous to-day as in Maine and annoyed me severely especially when I landed. In places swarms followed me back to the boat and for hundreds of yards along the river after I left the shore.

I saw one Night and one Green Heron, both near Ball's Hill, the former flying high over the woods.

886.

May 26

11564.

11565.

11566.

11567.

11568.

11569.

11570.

Middlesex County, Massachusetts.  
Concord.

Harpagophanes bedfordi	♂ ad.	pair, with nest 8 4-551
"	♀	"
Pyrrhula rubra	♂	unusually high plumage. MAKE IN KICK TO 800-800 VAW MINT
"	♀	"
Melospiza melodia	♂	"
Chrysomitris tristis	♂	"
"	♀	"

Clear early in the day, cloudy all the afternoon. Cold with bluster, N.W. wind and occasional light showers.

Spent the morning on the River Hill road going over my usual ground. The wind fairly howled through the woods, tossing the tree tops about and throwing all other sounds. It was the fiercest day imaginable for birds, and I saw few and heard still fewer. Only the Red-eyed Vireo sang with any degree of regularity.

I had fairly good success with nests taking two sets (1973 eggs) of the Purple Finch, one set (1993 eggs) of a Green Thrasher, and one set of 4 eggs of the Cat Bird. I also found another Thrasher's nest with three eggs and a Chestnut-sided Warbler nest finished but empty.

Passing through a bush near I heard a loud, mellow whistle repeated three or four times. At first I took it to be a Chat, then it was repeated in a different key and shortly afterwards changed again reminding me of a Rail but still different. I was completely puzzled and still more surprised upon cautiously approaching the spot and peeping over an old wall to his corner on the other side a hen Ruffed Grouse standing erect & solemnly suspicious of me. She saw me just as I was and leaving her head wreathed off whining exactly like a dog occasionally making a low growling sound. I went to the spot where she had stood but could not find her young although I shortly afterwards heard them peeping.

The widowed ♀ Hairy was industriously feeding her young this morning and they were making a great racket inside the hole. The flying squirrel had removed her young and the nest was empty.

I heard only one migrant to-day, a Canada Flycatcher. The woods are now in nearly full leaf. The apple blossoms are all gone but the wild pastures are beautiful with barberry and blueberry blossoms at their perfection now.

In the oak woods the Ladies Slipper is in bloom everywhere. In the fields buttercups are among the most conspicuous flowers although there are still many dandelions. The Hens Bane are nearly all gone.

May 25

Cloudy with steady rain all day. Spent the day in the house.



1886  
May 31Middlesex County, Massachusetts  
Concord.

- 11585 *Dendroica virens* ♂ ad.  
 11586 " " ♂ .. DOWN IN EXCH. TO MORE, BUC, NAB, NINE.  
 11587. *Ammodramus varia* ♂ .. DOWN IN EXCH. TO MORE, BUC, NAB, NINE.  
 11588. *Vireo flavifrons* ♂ ..  
 11589. *Pyrauga rubra* ♂ ..  
 11590. " " ♂ ..  
 11591. *Tyrannus carolinensis* ♂ .. } Mated pair preparing  
 11592. " " ♀ } to nest in some wild apple tree.

Clear and warm with light E. wind.

Shortly after breakfast I drove to the deserted Entabook farm on the Brimfield road and had the team return for me at 5 P.M. thus spending the entire day in the woods.

It was a perfect day, a little too warm perhaps in the more sheltered and sunny places, but with a cool breeze playing over the open pastures and drawing down the wood paths.

Birds sang freely all day but especially freely in the afternoon. I found two nests of *Hylocichla ludovicianus* (3 & 4 eggs), four nests of *Dendroica pennsylvanica* (3-2-2-2 eggs), and a nest of *Sporophila pusilla* (4 eggs), in a singular place; in a swampy wood. Not raised only a few inches above the wet ground around some other shrubs.

In this same swamp I heard and saw a *Myiarchus cinerascens* in a thicket of bushes, spared by the axe which leveled everything else last winter. The bird was noisy and shy as usual & I could not get within pistol range.

In an open white pine grove I came suddenly on a ♀ grouse with young. Of the latter I saw only three. They ran nimbly off a few rods in different directions, rather shy and squawking but on the bed of dark pine needles their lighter dead-bark tufts made them really conspicuous. The hen glided about in the usual manner skimming and growling. The cock also appeared and strutted rather slowly around me chirping like a red squirrel and shaking his head. His tail was raised, his ruffs extended. He neither whined nor crouched but seemed to assume a defiant, fearless bearing. Both hen and cock were in sight at the same time.

The high bush blueberry has shed most of its blossoms, the barberry is still in full flower. The red clover is beginning to blossom and there are a few white daisies out.

I heard tree-toads singing in chorus in a pond in the Lonicola woods night before last and also saw a few fire-flies the same evening. The common toad is still in full song every night near the house. The snoring *Rana palustris* has nearly ceased its cry. The Bull frog is beginning to bellow and the green frog is also getting in tune. It is apparently just the turning point between spring and summer. The only migrants heard to-day were a few *Dendroica striata*.

1886  
June 1Middlesex County, Massachusetts  
Concord.

11593. *Icterus Baltimore* ♂ ad.  
 11594. *Tyrannus carolinensis* ♂ ad.  
 11595. " " ♀ "

Clear and warm. Wind S. E. to S. W.

Starting at about 10 A.M. I spent the forenoon on the river going as far down as Ball's Hill.

On the way down I actually saw four Wood Ducks, all different birds. Two started together in one place, the other two, also together, less than half-a-mile below. Of the first two one was certainly a drake; the other I could not make out.

A bright black-poll was singing early this morning near the house but during the forenoon I saw nothing that was not settled for the summer.

At Ball's Hill I was sitting quietly on the ground at the base of an oak when a large woodchuck appeared and rambled about within a few yards of me, not seeing me of course. He was busily engaged most of the time, in rubbing off the stems and leaves of the *Saxifraga* plant. I was surprised at the quickness of his movements and the extent of ground which he covered in a short time. I heard a Carolina Rail calling and perceived a Virginia Rail but searched in vain for the nests of both birds.

The blue joint along the river is now nearly up to my shoulders. The yellow water lily is in bloom and the margin of the channel is covered with pads and various forms of aquatic vegetation.

June 2

Clear and warm with boisterous W. wind.

Spent the day about the house; no observations.

June 3

Morning rainy. Clearing off cool in the afternoon.

Spent most of the day in the house driving to and around Fifty Acre Meadow late in the afternoon.

During this drive I saw a yellow-winged sparrow perched on a fisher post by the roadside and heard another singing. Both were in sandy, forest-grown fields.

1886.  
June 4

Middlesex County, Massachusetts.  
Concord.

11596. *Herpes fuscus* f. ad. with nest & eggs. FOOT, EGG, NEST, NEST.  
11597. *Pyrausta rubra* ♂  
11598. *Empidonax carolinensis* ♂ with tail way tipped } shot from party of  
11599. " " ♀ " not near laying } four FOOT, EGG, NEST, NEST.  
11600. *Dolichonyx oryzivorus* ♂ ad.  
11601. " " ♂  
11602. " " ♂  
11603. *Icterus baltimore* ♂  
11604. *Tyrannus carolinensis* ♀ with set of 3 eggs  
11605. *Contopus virens* ♂ { Mated pair FOOT, EGG, NEST, NEST.  
11606. " " ♀  
11607. *Agelaius phoeniceus* ♂  
11608. " " ♂

Clear and cool. Nearly a dead calm all the morning. A high S. W. wind late in the afternoon.

Getting off in my boat at about 9 A. M. I spent a long day on the river returning late in the afternoon.

The weather was cool and delightful, the river at its loveliest, and the meadows a sea of waving green. It was a rare day in every way and I enjoyed it to the utmost, taking plenty of time for each quest for birds or eggs that I intended upon. I landed first on the north bank where I took two Yellow Warblers' nests and found a third with newly-hatched young.

A little below, at the picturesque pass where the river sweeps between overhanging white rapids and willows, five Night Herons started from the trees. Opposite this point I landed and made a long but fruitless search for Bobolinks' nests. The ♂♂ evidently gave them nothing but a warning of my approach and I invariably found both sexes flying carelessly about the ♂♂ saluting me with division bursts of song. Later in the day I turned the tables on them for on my return the wind was blowing a gale, and the sitting ♀♀ could not hear either their mates warning or my approach. As a consequence I surprised two on the nest and secured one set of 4, another of 5 eggs.

Just below Dakin's Hill I started five Hood Ducks in the usual place. One flew from the low branch of a willow where it had been sitting in the sun. I think all were ducks but could not reach them.

I landed on the top of Ball's Hill. My own birds met there which held their eggs on the 1st had been despoiled by some bird or animal and the living torn out.

I paddled nearly a mile below the great bend seeing then more Night Herons than and finding a Wilson's Thrasher's nest

1886  
June 7

Middlesex County, Massachusetts.  
Concord.

11609. *Helminthophila chrysoptera* ♂ ad.  
11610. *Vireo flavifrons* ♂ FOOT, EGG, NEST, NEST.  
11611. *Contopus virens* ♂  
11612. *Coccyzus americanus* ♀ with 3 eggs 1 pin (see card)  
11613. *Passer domesticus* ♂ just first plumage  
11614. " " ♂

Clear and cool; wind S. W. very strong all day. I spent the morning on the Brice River road going over my usual ground including the Swamp. The special object of my trip was to visit three nests of *R. pennsylvanicus* each of which contained two eggs on May 31 and which were left for 44 days. To-day I found two of them despoiled and the living torn out probably by squirrels. The third had only the original two eggs on which the bird was still sitting, and which, of course, were nearly hatched.

Of new nests I found the second nest of one of the pairs of Grackles which I robbed on May 31 and which contained one egg on which the ♂ was sitting to-day; a nest of the Yellow-billed Cuckoo containing 3 eggs for advanced but at different stages, and one young bird a few days old; a Maryland Yellowthroat with one fresh egg and several Cat Birds with eggs.

The flood tide of bird singing is past and at roadside the woods are often nearly silent. But in early morning and late afternoon one may still hear grand bursts of melody in the proper places.

June 8

11615. *Coturniculus houstoni* ♂ ad. shot in clover field near "Halls"  
11616. *Melospiza melodia* ♂  
11617. *Dolichonyx oryzivorus* ♂  
11618. *Cyanospiza cyanea* ♂  
11619. *Icterus baltimore* ♂  
11620. *Colaptes auratus* ♀ just first pl. taken from nest.

Clear and cool. A fine day marred only by a high N. W. wind.

Spent the morning on the east ground starting on the Sandy Pond road and walking through the woods to the turnpike & beyond to Hall's. Birds scarce and not singing freely. Flushed a grouse and shot a Henslow's Bunting in an upland clover field where it was feeding on a weed stalk. Had a curious adventure with a woodchuck. He was digging a fresh hole and was buried only to his hind quarters. I approached cautiously and actually poked his stem with my pistol. He backed out and for a moment stood motionless at my feet surprised by surprise; then he made a bolt for his refuge hole and disappeared. I also saw a large black snake which rattled loudly in some dry leaves vibrating his tail exactly like a real rattlesnake.

In the afternoon sailed down river to Dakin's Hill. Saw two Bitterns.

1886

June 9

- 11621 *Pyrauga rubra*, ♂ ad.  
 11622 *Icterus baltimore*, ♂ ad.  
 11623 *Molothrus pectoris*, ♂ im.  
 11624 *Dolichonyx oryzivorus*, ♂ ad.  
 11625 " " ♀ " with nest & 5 eggs.  
 11626 *Cotile riparia* ♀ " (shot flying with 32 cal. pistol -)

Clear and hot.

Spent the morning and part of the afternoon also, on the Sudbury River going as far as Pine Acre Corner bridge. I landed first at the French farm where I searched closely for Henslow's Sparrows in the meadows where I heard one singing last year but they were either not there to-day or keeping close.

In the meadows across the river and a mile above I landed again and after some search found a Bobolink's nest with five eggs far advanced in incubation.

After eating lunch on a side-hill covered with oak scrub among which Red-eyed Vireos were particularly numerous and noisy, I returned to my boat and sailed home as a thunder shower was apparently just coming up.

I saw a Bittern flying up river in broad "daylight" and heard a Green Heron. Red-wings are nearly silent now and I do not see very many along the river. Saw the first White pond lily.

June 10

Clear and warm.

In the hour most of the day, late in the afternoon drove to the Weston farm going by way of Sandy Point and returning via the Malden road.

Saw two Tanagers and heard a Golden-wing Warbler in some two-year-old sprouts (oak & chestnut) near Malden.

Summer comes on apace. The foliage is thickening, and deepening in tint. The bull-frogs have been in full throat for four or five nights and they also bellows freely by day. The pitcher plant is in bloom in the meadows, the blue flag (iris) along the river. The blue-eyed grass has taken the place of the yellow-eyed which has quite gone out of bloom. The *Houstonia* is still as luxuriant as when we came to Concord but one has to search for it among the rank grass.

Along the river banks the blue joint is now fully six feet high. It walls in the river and keeps off the brush so that at noon it is suffocatingly hot in mid-stream. The channel in shallow places is fast becoming choked with aquatic vegetation chiefly a species of *Polygonum* I believe.

1886

June 11

- 11627 *Vireo blackburnianus*. ♂ ad. Extensive oak & pine woods. in full song; testes much swollen.  
 11628 *Parula americana*. ♂ ad. Testes maximum size. in full song. Two others seen.  
 11629 *Sotophaga ruticilla* ♂ "  
 11630 " " ♂ nearly ad.  
 11631 *Vireo flavifrons* ♂ ad.  
 11632 " *solitarius* ♂ "  
 11633 " " ♀ " egg in oviduct full size but thickshelled. } a mated pair  
 11634 *Pyrauga rubra* ♂ "  
 11635 *Icterus baltimore* ♂ im.  
 11636 *Dolichonyx oryzivorus* ♂ ad.  
 11637 *Empidonax minimus* ♂ "  
 11638 *Coccyzus americanus* ♂ " incubating!  
 11639 " *erythrophthalmus*, ♂ ad. } shot with 32 cal. pistol  
 11640 *Chrys. Wilsonianus* ♀ ad. Stomach crammed with insects; paired of following; he cold.  
 11641 " " ♀ juv. into down and full plumage. Caught alive

At gray dawn, the sky clearing and the sun shining out at about 5.30 a. m. Remained of day clear and hot.

Rose at daybreak and was off in my boat at exactly 4.30. Spent about two hours along the banks of Great Meadows and then resorted on without stopping, past Ball's Hill and nearly to Billerica bridge. I had intended to go below the bridge but hearing the song of a *Parula* in the woods on the west side of the river I landed, crossed the meadow, and found myself in an extensive tract of fine old timber, mixed hardwoods and pine with at least one black spruce.

Birds proved to be more numerous here than I have found them elsewhere this season. On every side the woods rang with their songs. Naturally I was in no haste to leave and I spent there or four hours there.

Besides the *Parula* catalogued above I heard another ♂ and saw its mate tugging at the scattered tufts of *Urtica*, evidently collecting material for its nest although I failed to follow it. The *Blackburnian* was in full song and doubtless breeding. The *Solitary* Vireos must have had a nest for the ♀ was about to lay. It seemed quite like the *Hairy* woods to hear them three birds singing in the same neighborhood.

I found an *Obol.* bird's nest with 4 eggs far advanced & a *Hemipodiceps* with two in a similar condition. As usually the ♀ betrayed her treachery by over-anxiety, attracting my attention by her humbly bee-like hovering over the nest was on the dead branch of a small black oak. I tipped over and broke both eggs in cutting off the branch.

The most interesting adventure of the day was the coming suddenly on two young King-eared Owls sitting erect on a fallen pine branch just above the ground. I have described their behavior and that of the mother also on a species card.

Four Wood Thrushes in the usual place as I went down river five as I returned. I made out pretty positively that there were two pairs and an odd drake. What can they be doing?

1886  
June 15

Middlesex County, Massachusetts.  
Concord.

11642. *Vireo flavifrons*, ♀ ad.  
11643. *Icterus baltimore* ♂ "  
11644. " " ♂ imm. testes undeveloped, evidently had not bred.  
11645. *Dendroica aestiva* ♂ ad.  
11646. " " ♂ "  
11647. *Coccyzus erythrophthalmus* ♂ ad.

Cloudy and cool; wind N.E. with fine rain at intervals.

Started down river at about ten o'clock taking lunch and spending most of the day. On the way down I landed at the old maple near "the tent" and found them alive with birds of several species which were apparently preying on insects infesting the leaves. Among others was a pair of Tanagers. The majority were *Oristes canescens*, and *Bobolinks*. I shot all but one of the above specimens in three trees and might easily have doubled the number.

Continuing on I visited the Flicker's nest and found the young gone.

I next landed at Ball's Hill where I got nothing but a Yellow Warbler. The woods were gloomy and wet but many common birds were singing; in fact it was a remarkably good singing day from morning to night. In the swamp behind the hill the Canada *Geococcyx* was in full song. Over the Great Meadow swallows were skimming in large numbers, perhaps a hundred in all including *Phalaropus* swift. Just below Dobbin's Hill I saw four Wood Ducks in the usual place. All four were probably drakes, the shallow water inshore under the overhanging maples was strewn with their feathers.

1886  
June 16

Middlesex County, Massachusetts.  
Weyland.

11648. *Cistothorus palustris* ♂ ad.  
11649. " " ♂ "  
11650. " " ♂ "  
11651. " " ♂ "  
11652. " " ♂ "  
11653. " " ♀ imm.  
11654. *Coturniculus humilis* ♂ ad.

Shot near Weyland in the tall grass along the river in the breeding meadows.

Shot in a meadow near the roadside, at Weyland.

Clear and hot with strong S.W. wind.

Starting at about ten o'clock I drove to Weyland and stabling my horse took a boat on the river and went in search of Marsh Wrens. For a space of half a mile or more they were rather numerous in the tall blue joint grass along the river bank but I was disappointed in the colony nevertheless for I did not hear or see one lonely male in all and could find no eggs although they were certainly breeding.

Besides Marsh Wrens they were numerous Red-wings and almost equally numerous Rails. It was useless to try to flush the latter for the grass was higher than my head but very few unmated I heard their cries in various directions. The majority were *Rallus virginianus*; in fact I heard only one Carolina Rail.

In a bed of especially rank blue joint I flushed a Coast Plover, it ran several rods off and flew a merry wren in the bluish kind. The way which causes it to resemble a Rail much more than a Plover.

On the river I also heard a few House Sparrows and at about 3 P.M. a Plover began "boring" and kept it up for an hour or more at intervals.

The road to Weyland is generally cold and little traveled. I saw and heard many birds both young and returning but nothing of much interest except Henslow's Sparrow of which I heard no less than five different males at the way house. One was near Weyland, four about midway between Weyland and Concord near New Glen Corner, and one in Concord near the French place.

In one piece of oak woodland I heard three different Scarlet Tanagers singing at once. They are certainly quite as numerous throughout this region as they ever were. *Redpolls* are not numerous this year. I heard only two to day. *Bobolinks* are decidedly more local than of yore and, taking the country as a whole, very much scarcer. They have deserted whole tracts where they were once abundant. I think they are learning to avoid mowing lands, where the mowing machine inevitably destroys every nest, and are resorting to feed to the wild meadows. In some of them they are still very numerous.



1886

7 June 18

Worcester County, Massachusetts.  
Princeton to North Rutland.

I came to Princeton yesterday and this morning drove over to North Rutland with M. to visit our farm.

In Princeton last evening I heard in the valley below the Washington House a Wood Thrush singing at sunset and a little later a Whippoorwill.

On the way over to the farm this morning I heard and saw a Henslow's Sparrow singing on a stone wall by the roadside in a marshy place where I heard the species last year.

On the farm in a dense woods of pine, hemlock and hardwoods I heard a Canada Flycatcher, a Solitary Vireo and a Parula. Of the latter I also heard two other males in other woods in the same locality.

Indigo Birds were common (they have been rare this year in Concord) and I found a nest with three eggs far advanced.

Besides the above we met with nothing of any special interest.

Returning to Princeton late in the afternoon we had tea and afterwards drove to Redemption Rock and back by another road, skirting the base of Mt. Washington and passing around Washington Lake. The mountain landscape was in full bloom forming a moving carpet in the woods and patches of red and white on the open hill-sides where the bushes are much taller and their blossoms deeper colored.

In the meadows behind (or below) Redemption Rock two Henslow's Sparrows were in full song in the evening twilight. Grasshoppers were common everywhere and in full song. I heard no Hermit Thrushes, either here or elsewhere during this trip.

Early next morning (June 19<sup>th</sup>) I returned to Concord in Concord & Boston.

201

1886  
June 21

Middlesex County, Massachusetts.  
Concord

11655 Icterus baltimore ♂.

11656 " " ♂

11657 Contopus virens ♂

11658 Dolichonyx oryzivorus ♂ ad.

11659 " " ♂

11660 Coccyzus americanus ♀.

11661 " erythrophthalmus ♂

11662 " " ♂

11663 Picus pubescens ♂.

Clear and hot. Wind S.W., light at times failing altogether.

Off in my boat at 6 A.M. paddled slowly down through the meadows stopping frequently and going ashore in several places. Orioles, Cuckoos (both species), Robins, and Redwings sporting in numbers to the white maples along the banks. Some of the larger, denser, foliated trees were literally alive with their birds with also an occasional Rose-breasted Grosbeak and not a few Song Sparrows. In a single tree I repeatedly saw eight or ten birds of these species. They were actively feeding, hopping from twig to twig among the clusters of leaves at the ends of the branches, the Cuckoos performing this action clumsily making a distinctly audible noise and shaking the slender twigs violently as they moved. I saw both Cuckoos and Orioles with large green worms (caterpillars) in their beaks and these were probably the attraction for all. The number of birds diminished after the sun got well up in the heavens but there were some at work all day.

Passing over under Ball's Hill I was surprised to hear the whining pipe of a Red-bellied Nuthatch and a moment after I distinctly saw the bird fly from a pine on the crest of the ridge and after zig-zagging through the air for fifty yards or more alight in another pine. I landed and climbed to the top, to no purpose for the bird was either gone or obstinately silent.

An hour or more later while exploring the fine old woods a mile below where I shot the Blackburnian Warbler on the 11<sup>th</sup> I heard the same or another Nuthatch piping regularly at intervals in the tops of the trees (white pines). At length it came in sight low down toward directly overhead. I made out to be an adult ♀ and of course shot at it at once but the catbird missed fire and the bird flying again to one of the great feathered domes nearly a hundred feet above the ground was lost to me again. Afterwards I heard it at intervals for two or three hours but a stiff and aching neck was the only result of my long continued scrutiny of the tree tops.

These woods are alive with birds. I have not seen nearly as many warblers in this region. Inconspicuously I did not hear the Parula that I left there on the 11<sup>th</sup> although I spent at least two hours near the spot where

Black-headed Grosbeak

1886

(June 21) The ♂ was singing and the ♀ building on the 11<sup>th</sup>. The Red-eyed Vireo was the most prominent performer (with the possible exception of the Cow Bird) in these woods to-day. Through the hottest hours it was in full song everywhere and I must have heard thirty or forty in this one place.

As I was eating lunch, sitting with my back against the trunk of a giant pine, a low but incessant chirping attracted my attention. This sound steadily became more distinct and its author's - for there were evidently several - were plainly advancing directly towards me. I soon made out that they were Cowbirds and that they were on or near the ground which, although free from underbrush, was nevertheless well shaded by an abundant growth of *Sasaparilla*. Finally the dry leaves began to rustle and the *Sasaparilla* stems to wave directly in front of my position and the next moment a black snake about three feet long emerged into an opening, gliding swiftly and in a perfectly direct course. On each side of its slightly raised head and within less than two feet of it walked a pair of Cowbirds, their bills open and pointing, their wings slightly raised and quivering so rapidly as to produce a hazy appearance above their bodies. They kept their distance exactly and when the snake stopped they stopped also, apparently not looking at him but facing directly ahead. They were also seemingly ignored by the snake although he doubtless kept a not less keen eye watch on them than they did on him. The entire group which finally halted within less than ten yards of me presented a remarkable, up to day ludicrous spectacle and at once suggested the idea that birds were in trained attendance on the snake, a well drilled escort as it were to guide or guard him during his morning crawl. I ended what was likely enough to prove a tragedy to the birds by shooting the snake. Although he winced and twisted madly over several yards of ground before dying the birds seemed to realize what had happened at once for they unconcernedly left him the moment after the pistol cracked.

Returning to the river as the afternoon shadows were beginning to stretch out over the meadows and walking silently in an old cast path that skirted the woods on the meadow side I literally stepped into the middle of a large brood of young grouse perhaps half grown. They were on every side of me with a startling whirr and flutter and at once vanished as the wall of foliage behind. But the mother instead of following them bravely remained gliding swiftly about me through the grass, whirring exactly as before.

The birds still sing with much vigor. The water in the river is falling steadily the channel choking up in places with *Polygonum* etc. The bull frogs trumpet less often than a week ago. No Cicadas yet. Bobolinks singing with unabated vigor but less frequently.

1886

June 26

Middlesex County, Massachusetts.  
Concord.

Returned to the house by telegraph since the 21<sup>st</sup>. Three days of cloudy lowering weather with some or less rain. Birds about the house in full song during this period, the Robins especially prominent, the Orioles least so.

The sun rose clear to day and at noon it was very hot out with a fresh W. wind. At daybreak there was a full chorus of bird voices. I have not heard them sing so vigorously for three weeks past. They kept it up, too, almost without intermission, until high noon.

In the early forenoon I took a drive to Robbins Mills and back by way of the Fisher and Smith's. Birds singing everywhere in the woods and fields although the sun was scorching and the air even in the shade, rather. Field Sparrows, Grass Finches, Wilson's Thrushes, our Wood Thrush, Red-eyed Vireos, our common warblers, Chestnut-sided Warblers, Yellow-throated Vireos, our solitary pine in white pine woods by car pond below Smith's, Song Sparrows, Catbirds, Orioles, everything in fact that the country here affords, except Shown Thrashers and Ashville Warblers both of which seem to have become entirely extinct.

June 27

Clear with high N.W. wind; a fine cool day.

Happening to awake at 3 A.M. I lay listening to the birds for awhile the rose, dressed and went to the top of Ripley's Hill to see the sun rise.

The first bird voice that of a Robin which called a few times at 3.10 and then began singing. Two minutes later it was answered by another and at 3.15 all the Robins in the neighborhood were in full cry. What a noise they made! It was too confused and boisterous to be real music; rather a clamor like a crowd shouting. It must rise nearly at the same moment, and with few exceptions from Canada to Virginia, thence southward along the Alleghenies to Georgia, and with the advancing of the season westward across the plains until it dies away in the cañons of the Rocky Mountains.

At 3.30 a Wood Pewee sang, next a Catbird and then Chippies, Great Flycatchers and Grass Finches. The Chippies for several minutes uttered a succession of hissing trills with only two or three seconds interval between and very different from their day song.

As I crossed the road at 3.50 I nearly stepped on a Song Sparrow, which was running about in the dust perhaps feeding and which did not seem to see me in the twilight. By this time many of the Robins had ceased singing and I noticed several running on the turf on the hill-side. A Grass Finch was singing on a rock in the middle of the field. Its song was tender, subdued and very touching in its simple earnestness.

At 4 A.M. Orioles, Songbirds, Vireos, Field Sparrows of Maryland Yellow-throats began singing at nearly the same moment. Chimney Swifts careering over the hill top in silence. A Crow sitting on the old Poplar cawing loudly. A single Bull frog trumping on the Great Meadows.

The sun rose at 4.14. After that I heard few birds. They all seemed to be engaged in feeding. The Robins ceased singing entirely before 4 o'clock.

1886

(June 27)

The first Red-eyed Vireo was heard at 4.17 three minutes after sunrise. Shortly afterwards two Downy Woodpeckers drumming, answering one another alternately & about 300 yds. apart. A Flicker also drumming & singing. A Purple Martin soaring overhead warbling. Its rich rolling whistle seems to rank as a real song. It expresses hilarity and contentment.

Before sunrise the Great Meadows was a bluish or glaucous green; the young second growth oaks and maples a light vivid green, grayer almost than grass; the older growth a dull, dark green. After sunrise the meadows were equally if not more vivid green than the young woods.

At 10 A.M. I started to drive to Cambridge. The wind had risen and flouted the leaves about drooping nearly all round. I heard only two Bobolinks and saw a few more. Six Barn Swallows skimming our grass fields besides four young just from the nest flying on a ledge of a wire. Cambridge swarming with English Sparrows.

Returned late in the afternoon, the sun setting before I reached Lexington. Three Grass Finches nipping in one field in the twilight. A Woodcock crossed the road a little later skimming just over the tops of the trees looking black against the light in the west; a black ball hurtling through space like a cannon ball. I traced its flight for over 100 yds. & then lost sight of it. Not a single Whippoorwill. Azalea in bloom everywhere; *Rhus benecata*, black alder, *Cornus alternifolia* several other *Hornbeams*.

1886

June 28

Middlesex County, Massachusetts.  
Concord.

Cloudy morning, clear afternoon. A cool day; wind N. E. but a mere breeze.

To the ice pond woods in search of the Solitary Vireo's nest. I soon heard one of the birds whining and on going to the spot found him hopping about in a pine tree down. As I was watching him his mate flew directly to the nest which was in a birch at least fifteen feet above the ground and not in the least concealed. The pair were building or rather lining the nest. Both birds entered it alternately and tinkered it a little but neither worked at all steadily. Evidently they were merely putting on the finishing touches.

Leaving them I spent the remainder of the morning exploring an extensive woods of lush but not heavy oak & pine timber. Saw nothing of much interest except a large brood of young grouse, at least half grown and as wild as Hares. The mother was with them but although she whined and checked a little she kept at a safe distance.

*Pyrola* in bloom everywhere. The azalea past its prime.

## 1886 Concord Middlesex County, Mass. Collected, William Brewster.

11664	<i>Turdus fuscescens</i>	♂ ad.	Aug 18	
11665	"	♂ juv?	" 30	
11666	" <i>pallasi</i>	♀	Oct 4	COME IN EACH TO POST. SOC. NAT. HIST.
11667	" <i>aberti</i>	♂ ad.	Oct 4	COME IN EACH TO POST. SOC. NAT. HIST.
11668	" <i>bicknelli</i>	♂	" 4	(Post. Soc. Nat. Hist.)
11669	" <i>Swainsoni</i>	♂	" 4	
11670	"	♂	" 4	
11671	"	♂	" 4	
11672	"	♂	" 4	
11673	"	♂	" 4	
11674	"	♂ ad.	" 4	
11675	"	♂	" 4	
11676	"	♂	" 4	
11677	"	♂	" 4	
11678	"	♂	" 4	COME IN EACH TO POST. SOC. NAT. HIST.
11679	"	♂	" 4	COME IN EACH TO POST. SOC. NAT. HIST.
11680	"	♂	" 4	(Post. Soc. Nat. Hist.)
11681	"	♂	" 4	COME IN EACH TO POST. SOC. NAT. HIST.
11682	<i>Regulus satrapa</i>	♂	" 4	COME IN EACH TO POST. SOC. NAT. HIST.
11683	"	♂	" 4	
11684	"	♂	" 4	COME IN EACH TO POST. SOC. NAT. HIST.
11685	<i>Sitta canadensis</i>	♂ ad.	July 22	
11686	"	♂ juv.	Aug 5	
11687	"	♀	" 16	
11688	"	♀	" 16	
11689	"	♂	" 21	
11690	"	♂ ad?	" 31	
11691	"	♀	" 31	
11692	"	♂ ad.	Sep. 21	
11693	<i>Carolinensis</i>	♂	Oct 4	COME IN EACH TO POST. SOC. NAT. HIST.
11694	<i>Cistothorus stellaris</i>	♂ ad.	July 23	COME IN EACH TO POST. SOC. NAT. HIST.
11695	"	♂	Aug 10	COME IN EACH TO POST. SOC. NAT. HIST.
11696	"	♂	" 12	COME IN EACH TO POST. SOC. NAT. HIST.
11697	"	♂	" 12	
11698	"	♀ juv.	" 12	
11699	" <i>palustris</i>	♂ ad.	" 12	
11700	<i>Harporhynchus rufus</i>	♀	" 30	COME IN EACH TO POST. SOC. NAT. HIST.
11701	"	♀ juv.	Sep. 1	
11702	<i>Minus carolinensis</i>	♂	" 4	
11703	<i>Monticola varia</i>	♂ ad.	Aug 23	COME IN EACH TO POST. SOC. NAT. HIST.
11704	"	♂	" 16	COME IN EACH TO POST. SOC. NAT. HIST.
11705	"	♂	" 17	COME IN EACH TO POST. SOC. NAT. HIST.
11706	"	♀	" 22	COME IN EACH TO POST. SOC. NAT. HIST.
11707	<i>Helminthophila ruficapilla</i>	♂ juv.	Aug 16	
11708	"	♀	" 19	
11709	"	♂ juv.	" 19	
11710	"	♂	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11711	"	♂	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11712	"	♂	" 23	COME IN EACH TO POST. SOC. NAT. HIST.
11713	"	♂	" 24	COME IN EACH TO POST. SOC. NAT. HIST.

## 1886 Concord Middlesex County, Mass. Collected, William Brewster.

11714	<i>Helminthophila ruficapilla</i>	♂ juv.	Aug 31	
11715	"	♂ ad.	Sep 2	COME IN EACH TO POST. SOC. NAT. HIST.
11716	"	♀ juv.	" 2	COME IN EACH TO POST. SOC. NAT. HIST.
11717	"	♂	" 4	
11718	" <i>Chrysoptera</i>	♂	Aug 14	COME IN EACH TO POST. SOC. NAT. HIST.
11719	"	♂	" 16	COME IN EACH TO POST. SOC. NAT. HIST.
11720	"	♂	" 16	
11721	"	♂ ad.	" 28	COME IN EACH TO POST. SOC. NAT. HIST.
11722	<i>Parula americana</i>	♂ juv.	" 18	
11723	"	♂ ad.	" 30	
11724	"	♂ juv.	" 31	
11725	"	♀	Sep 21	COME IN EACH TO POST. SOC. NAT. HIST.
11726	<i>Protonotaria citrea</i>	♀ juv.	Aug 17	COME IN EACH TO POST. SOC. NAT. HIST.
11727	"	♂ ad.	" 23	
11728	<i>Sylvania canadensis</i>	♀ juv.	" 5	
11729	<i>Setophaga ruticilla</i>	♂ ad.	Sep. 1	COME IN EACH TO POST. SOC. NAT. HIST.
11730	"	♂ ad.	" 2	COME IN EACH TO POST. SOC. NAT. HIST.
11731	"	♂ ad.	" 2	COME IN EACH TO POST. SOC. NAT. HIST.
11732	<i>Deutroica pennsylvanica</i>	♂ juv.	Aug 15	
11733	"	♂ ad.	" 14	COME IN EACH TO POST. SOC. NAT. HIST.
11734	"	♂	" 18	COME IN EACH TO POST. SOC. NAT. HIST.
11735	"	♂ ad.	" 18	COME IN EACH TO POST. SOC. NAT. HIST.
11736	"	♂	" 18	COME IN EACH TO POST. SOC. NAT. HIST.
11737	"	♂ ad.	" 18	COME IN EACH TO POST. SOC. NAT. HIST.
11738	"	♂ juv.	" 19	
11739	"	♀	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11740	"	♀	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11741	"	♀	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11742	"	♀	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11743	"	♀	" 23	COME IN EACH TO POST. SOC. NAT. HIST.
11744	"	♂ ad.	" 24	COME IN EACH TO POST. SOC. NAT. HIST.
11745	"	♂ juv.	" 13	
11746	<i>Castanea</i>	♂	" 13	
11747	<i>vestra</i>	♂	July 28	
11748	"	♂	Aug 4	
11749	"	♂ ad.	" 9	
11750	"	♂	" 16	
11751	"	♂	" 16	
11752	"	♂ juv.	" 17	
11753	"	♀	" 23	
11754	"	♀	" 23	COME IN EACH TO POST. SOC. NAT. HIST.
11755	"	♂	" 30	COME IN EACH TO POST. SOC. NAT. HIST.
11756	"	♂ ad.	Sep. 6	COME IN EACH TO POST. SOC. NAT. HIST.
11757	" <i>palmarum</i>	♂ juv.	" 22	COME IN EACH TO POST. SOC. NAT. HIST.
11758	<i>viridis</i>	♂ ad.	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11759	"	♂	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11760	"	♂	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11761	"	♂ juv.	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11762	"	♂	" 21	COME IN EACH TO POST. SOC. NAT. HIST.
11763	"	♂	Aug 31	

1886	Concord Middlesex County, Mass.	Collector William Brewster
11764	<i>Dendroica virens</i>	♂ juv. Sep. 7
11765	"	♀ ad. " 21
11766	"	♀ juv. " 2
11767	" <i>coronata</i>	♀ ad. Aug. 23
11768	" <i>caeruleus</i>	♂ juv. Sep. 2
11769	" <i>pinus</i>	♂ " Aug. 24
11770	"	♂ ad. " "
11771	"	♀ juv. " 16
11772	"	♀ " " 5
11773	"	♀ " " 23
11774	"	♀ " " 5
11775	"	♂ " " 9
11776	" <i>striata</i>	♂ ad. " 17
11777	"	♂ " Sep. 21
11778	"	♂ " " 6
11779	"	♀ " " 21
11780	"	♀ " Aug. 30
11781	"	♀ ? juv. Sep. 22
11782	"	♀ ? " " 21
11783	"	♀ " " 22
11784	"	♀ " " 2
11785	"	♀ " " "
11786	"	♀ ad. ? " 7
11787	"	♀ ? " " 24
11788	"	♀ juv. Aug. 28
11789	<i>Oporornis agilis</i>	♀ " " 31
11790	"	♂ " Sep. 27
11791	"	♀ " " "
11792	<i>Sylvania pusillus</i>	♂ " Aug. 30
11793	<i>Sciurus auricapillus</i>	♂ " " 23
11794	" <i>montanus</i>	♂ ad. Sep. 1
11795	"	♂ juv. " "
11796	"	♂ " Aug. 14
11797	"	♂ " Sep. 14
11798	"	♀ " " 1
11799	"	♀ " Aug. 6
11800	"	♀ juv. " 28
11801	"	♀ " " 14
11802	"	♀ ad. ? " "
11803	"	♀ " " "
11804	<i>Vireo flavifrons</i>	♂ juv. " 16
11805	"	♂ ad. " 14
11806	"	♀ juv. " 24
11807	"	♀ ad. " 5
11808	" <i>solitarius</i>	♀ juv. " 18
11809	" <i>olivaceus</i>	♀ ? " 5
11810	"	♀ " " 18
11811	"	♀ " " 5
11812	<i>Piranga rubra</i>	♂ ad. " 18
11813	"	♂ Sep. 2

1886	Concord Middlesex County, Mass.	Collector William Brewster
11814	<i>Piranga rubra</i>	♂ ad. Sep. 21
11815	"	♀ juv. Aug. 18
11816	"	♀ " Sep. 27
11817	<i>Icterus baltimore</i>	♂ " Aug. 21
11818	"	♂ " " 18
11819	"	♂ ad. " 21
11820	<i>Hirundo horreorum</i>	♂ " June 29
11821	"	♀ " " "
11822	"	♂ " " "
11823	"	♀ " July 31
11824	"	♂ juv. " 31
11825	"	♂ " " "
11826	"	♂ " " 9
11827	"	♂ " " 4
11828	"	♀ " " 9
11829	"	♀ " " 28
11830	"	♀ " " 2
11831	"	♀ " " "
11832	"	♀ ? " " 9
11833	<i>Tachycineta bicolor</i>	♂ " " 31
11834	"	♀ " June 29
11835	<i>Petrochelidon lunifrons</i>	♂ " Aug. 12
11836	<i>Cotile riparia</i>	♂ ad. June 29
11837	"	♂ juv. July 15
11838	"	♀ " " 9
11839	"	♀ " " 17
11840	"	♀ " " 9
11841	<i>Chaetura pelagica</i>	♂ ad. " 7
11842	"	♂ " " 15
11843	"	♀ " " "
11844	"	♀ " " 23
11845	"	♀ " " 7
11846	"	♀ " " 9
11847	<i>Cistothorus palustris</i>	♂ ad. ? Sep. 22
11848	<i>Ampelis cedrorum</i>	♂ ad. July 28
11849	"	♀ " " "
11850	"	♀ juv. Sep. 7
11851	"	♀ " " "
11852	"	♀ " " "
11853	"	♀ " Oct. 4
11854	"	♀ " " "
11855	"	♀ " " "
11856	"	♀ " " "
11857	<i>Anthus pensilvanicus</i>	♀ " Sept 24
11858	"	♀ " " 29
11859	"	♀ " " "
11860	"	♀ " " "
11861	<i>Sialia sialis</i>	♂ ad. " 22
11862	<i>Sitta carolinensis</i>	♀ juv. Aug. 16
11863	<i>Trochilus colubris</i>	♀ " " 14

1886	Concord Middlesex County Mass.	Collector William Brewster
11865	<i>Carpodacus purpureus</i>	♂ ad. Sep. 2
11866	" "	♂ " Oct. 4
11867	<i>Chrysomitris pinus</i>	♀ ad. " "
11868	<i>Zonotrichia albicollis</i>	♂ " Sep. 27
11869	" "	♀ juv. " "
11870	" "	♀ ad. Oct. 4
11871	<i>Melospiza palustris</i>	♂ juv. Sep. 27
11872	" "	♂ " Oct. 4
11873	<i>Junco hyemalis</i>	♀ " " "
11874	<i>Coturniculus humilis</i>	♂ ad. Jul. 6
11875	<i>Spizella pusilla</i>	♂ juv. Aug. 21 First plumage
11876	" <i>Socialis</i>	♂ " 13 " "
11877	" "	♂ " " " " "
11878	<i>Dolichonyx oryzivorus</i>	♂ juv. Jun. 29 " "
11879	" "	♀ ad. Aug. 12 " "
11880	<i>Molothrus pectoris</i>	♀ juv. " 10 " "
11881	" "	♀ " " " " "
11882	<i>Tyrannus carolinensis</i>	♂ " Jul. 13 First plumage
11883	<i>Thryomanes bewickii</i>	♀ ad. Aug. 21 " "
11884	" "	♂ juv. Sep. 1 " "
11885	" "	♂ " 14 " "
11886	" "	♀ " " " " "
11887	<i>Contopus virens</i>	♂ ad. Aug. 16 " "
11888	" "	♂ " Jan. 29 " "
11889	" "	♂ " " " " "
11890	" "	♀ " " " " "
11891	" "	♀ " " 28 " "
11892	" "	♀ juv. Aug. 13 " "
11893	<i>Empidonax minimus</i>	♂ ad. Jan. 29 " "
11894	" "	♂ juv. Aug. 18 " "
11895	" "	♀ " 30 " "
11896	" <i>flaviventris</i>	♀ " ? Sep. 2 " "
11897	<i>Pinus pubescens</i>	♀ ad. Jul. 13 Sent in exch. to Seiler
11898	" "	♀ juv. Sep. 22 " "
11899	<i>Agelaius phoeniceus</i>	♂ ad. Aug. 24 Moulting
11900	" "	♀ juv. " 10 First plumage
11901	" "	♂ " July 30 " "
11902	<i>Coccyzus erythrophthalmus</i>	♀ ad. Aug. 18 " "
11903	<i>Pipilo</i>	♂ Oct. 4 " "
11904	" "	♂ juv. Jun. 28 First plumage
11905	" "	♀ " " " " "
11906	<i>Cyanocitta cristata</i>	♂ ad. Oct. 1 " "
11907	<i>Ceryle alcyon</i>	♀ Sep. 29 " "
11908	" "	♀ " 4 " "
11909	<i>Zenaidura macroura</i>	♂ juv. " 22 First plumage
11910	<i>Porzana carolina</i>	♂ " 4 " "
11911	" "	♂ juv. " " " "
11912	<i>Rallus virginianus</i>	♂ " Jul. 28 Chick in down
11913	" "	♀ " " " " "

1886	Concord Middlesex County Mass.	Collector William Brewster
11914	<i>Callipepla holoserena</i>	♂ ad. Sep. 24
11915	" "	♂ " " "
11916	" "	♀ ad. " " "
11917	" "	♀ " " "
11918	" "	♀ ad. " 29 " "
11919	<i>Cyanura cristata</i>	♀ juv. Aug. 28
11920	<i>Colaptes auratus</i>	♂ ad. Sep. 30
11921	" "	♂ juv. " 22
11922	" "	♀ " " "
11923	" "	♀ ad. ? " 29
11924	<i>Ammodramus</i>	♂ Oct. 6 Skinned and sex'd by M. A. Tragar
11925	" "	♂ " " " " "
11926	" "	♀ " " " " "
11927	<i>Bubo virginianus</i>	♀ juv. Jul. 15 Bought in flesh of farmer
11928	" "	♂ " Aug. 29 " " " " "
11929	<i>Asio americanus</i>	♀ ad. Jan. 11 " " " " "
11930	" "	♀ juv. " " in down
11931	<i>Accipiter cooperii</i>	♀ " Oct. 1 " "
11932	<i>Circus hudsonius</i>	♂ ad. Sep. 7 " "
11933	" "	♂ juv. " 22 exch. to Harbison
11934	" "	♂ " 24 " "
11935	<i>Accipiter fuscus</i>	♂ " Jul. 14 Taken from nest
11936	" "	♀ " Sep. 24 Skinned & sex'd by M. A. Tragar
11937	<i>Fulica americana</i>	♀ " " " " "
11938	<i>Anas obscura</i>	♀ " " " " "
11939	<i>Ceryle alcyon</i>	♂ " 29 " "

11940	<i>Spizella socialis</i>	♂	Belmont Middlesex Co. Mass.	Nov. 8, 1886	Coll. Wm. Brewster
11941	" "	♂	" "	" "	" "
11942	" "	♀	" "	" "	" "
11943	<i>Certhia americana</i>	♀	" "	" "	" "
11944	<i>Setta canadensis</i>	♂	" "	" "	" "
11945	" "	♂	" "	" "	" "
11946	" "	♀	" "	" "	" "
11947	" "	♀	" "	" "	" "
11948	<i>Chrysomitris tristis</i>	♂ ad.	" "	" "	" "
11949	" "	♂	" "	" "	" "
11950	<i>Junco hyemalis</i>	♀	" "	" "	" "
11951	" "	♀	" "	" "	" "
11952	<i>Spizella monticola</i>	♀	" "	" "	" "
11953	" "	♀	" "	" "	" "
11954	" "	♀	" "	" "	" "
11955	<i>Pinus pubescens</i>	♂	" "	" "	" "
11956	<i>Passerculus princeps</i>	♂	Ipsum Mass.	Nov. 10, 1886	" "
11957	<i>Exemophila alpestris</i>	♂	" "	" "	" "
11958	" "	♂	" "	" "	" "
11959	" "	♀ juv.	" "	" "	" "
11960	" "	♀ ad.	" "	" "	" "
11961	<i>Passerculus princeps</i>	♀	" "	" "	" "



1886 Lake Umbagog, Oxford County, Maine Collector William Brewster

11962	<i>Parus hudsonicus</i>	♂	Oct. 19	SHOT IN KICH. TO	NOSE IN EXCH. TO	1135
11963	"	♂	" 20	"	"	1323
11964	<i>Arctus pusillus</i>	♂	" 22	SHOT IN KICH. TO	NOSE IN EXCH. TO	1192
11965	<i>Agelaius phoeniceus</i>	♂ juv.	" "	"	"	1575
11966	<i>Colinus borealis</i>	♀	" 13	"	"	1579
11967	"	♂ ad.	" 22	"	"	591
11968	"	♂	" "	"	"	581
11969	<i>Picoides arcticus</i>	♂	" 21	SHOT BY GERRISH	"	1584
11970	"	♀	" 22	"	"	1564
11971	<i>Perisoreus canadensis</i>	♀	" 17	"	"	1242
11972	"	♂	" 20	"	"	1500
11973	"	♀	" "	"	"	1206
11974	"	♂	" 23	"	"	1207
11975	"	♀	" "	"	"	1120
11976	<i>Philohela minor</i>	♀ ad.	" 15	"	"	1185
11977	"	♀	" "	"	"	1121
11978	<i>Rhyacophilus solitarius</i>	♂	" 24	Wounded, very thin	"	1122
11979	<i>Erumetes pusillus</i>	♀	" 17	"	"	1006
11980	<i>Tinga fuscicollis</i>	♂ ad.	" "	"	"	1104
11981	"	♀	" "	"	"	1103
11982	"	♀ ad.	" "	"	"	1095
11983	"	♀ juv.	" "	"	"	1123
11984	<i>Geothlypis trichas</i>	♂	" 25	Shot and Skinned by M. A. Trazar	"	1166
11985	<i>Geothlypis trichas</i>	♂ juv.	" 23	"	"	1218
11986	<i>Hylotinus fulvatus</i>	♀	" 22	"	"	1186
11987	"	♀	" "	"	"	1139
11988	<i>Asio accipitrinus</i>	♂	" "	"	"	1140
11989	<i>Tetrao canadensis</i>	♂	" 23	"	"	1163
11990	<i>Bonasa umbellula togata</i>	♂ ad.	" 19	"	"	1187
11991	"	♀	" 22	"	"	579
11992	<i>Taxus marila</i>	♂	" 15	"	"	1106
11993	"	♂	" 17	Shot and Skinned by W. B.	"	1127
11994	<i>Harelda glacialis</i>	♂ ad.	" 17	Skinned & sent by M. A. Trazar	"	1226
11995	"	♀	" "	"	"	1235
11996	"	♀ juv.	" "	"	"	1516
11997	<i>Melanitta vibex</i>	♂ ad.	" 13	"	"	1331
11998	<i>Oedemia americana</i>	♀	" 16	"	"	537
11999	"	♀	" 23	"	"	963
12000	<i>Pelecanus fuscipennis</i>	♀	" 16	"	"	994
12001	<i>Merops terrore</i>	♀	" 13	"	"	888
12002	<i>Podiceps podiceps</i>	♂	" 17	"	"	
12003	"	♀	" 17	"	"	
12004	"	♂	" 17	"	"	

Near Charleston, South Carolina, Collector Arthur A. Mayne

12005	<i>Turdus pallasi</i>	♂	Jan. 23, 1886	SHOT IN EXCH. TO	1135
12006	"	♂ ad.	May 3	"	1323
12007	<i>Sitta carolinensis</i>	♂	March 8	"	1192
12008	"	♂	Nov. 16	"	1575
12009	"	♂	Nov. 23	"	1579
12010	"	♂	March 11, 1886	"	591
12011	"	♀	" 5, 1886	"	581
12012	"	♀	" 11, 1886	"	1584
12013	"	♀	Nov. 23, 1886	"	1564
12014	"	♀	" 2	7th St. City cross	1242
12015	"	♀	Apr. 5	"	1500
12016	<i>Lophophanes bicolor</i>	♂	Feb. 15	"	1206
12017	"	♂	" 19	"	1207
12018	"	♀	" 19	"	1120
12019	<i>Parus carolinensis</i>	♂	Dec. 15, 1885	"	1185
12020	"	♂	Feb. 6, 1886	"	1121
12021	"	♂	Dec. 15, 1885	"	1122
12022	"	♂	" " "	"	1006
12023	"	♂	Sep. 29	"	1104
12024	"	♂	Nov. 24	"	1103
12025	"	♂	" " "	"	1095
12026	"	♀	" 18	"	1123
12027	"	♀	Dec. 13	"	1166
12028	"	♀	Nov. 24	"	1218
12029	"	♂	Feb. 2, 1886	"	1186
12030	"	♂	" 20	"	1139
12031	"	♂	Feb. 24	"	1140
12032	"	♂	" 6	"	1163
12033	"	♂	" 6	"	1187
12034	"	♂	Jan. 19	"	579
12035	"	♂	Feb. 8	"	1106
12036	"	♂	Feb. 20	"	1127
12037	<i>Helminthophila celata</i>	♀	Feb. 6	"	1226
12038	"	♂	" 11, 1886	"	1235
12039	"	♂	Jan. 19, 1886	"	1516
12040	"	♂	Dec. 24, 1885	"	1331
12041	"	♀	" " "	"	537
12042	"	♀	Jan. 7, 1886	"	963
12043	<i>Parula americana</i>	♂	Feb. 30	"	994
12044	"	♂	Apr. 12	"	888
12045	<i>Oporornis formosa</i>	♂	Aug. 13	"	
12046	"	♀	Sep. 13	"	
12047	<i>Dendroica dominica</i>	♂ juv.	June 1, 1886	"	
12048	"	♂	Sep. 7	"	
12049	"	♀	" 24	"	
12050	"	♂ juv.	May 20	"	

New Charleston, South Carolina. Collector Arthur S. Wayne		
12050	<i>Protonotaria citrea</i>	♂ juv. Sep. 18. 1885 Mt. Pleasant.
12051	" "	♀ " " " " "
12052	" "	♂ May 3. 1886. Nine Mile Bottom
12053	" "	♂ Apr 30 " Hobcarr Point
12054	" "	♀ July 30 " "
12055	" discolor	♂ Apr 1 " "
12056	" "	♂ Sep. 18 1885 Mt. Pleasant
12057	" palmarum	♂ Feb. 31 " "
12058	" "	♀ Nov 2 1886
12059	" "	♀ " " " "
12060	" "	♀ " " " "
12061	" ful. hypochrysa.	♂ Feb. 15 " "
12062	" "	♂ Oct. 26 " "
12063	" pinus	♂ May 20 " "
12064	" "	♂ Feb. 2 " "
12065	" striata	♂ ad. Oct. 14. 1885 Sullivan's Island
12066	" "	♀ " " " " "
12067	" caeruleus	♂ May 3 1886
12068	" "	♂ ad. Sep. 24 1885 Autumnal plumage
12069	" "	♂ juv. " 1886 Woodstock
12070	" coronata	♂ Apr 30 " Hobcarr Point
12071	" "	♀ " " " "
12072	" "	♂ Feb. 26 " Sullivan's Island (probably?)
12073	" " mitrata	♀ Apr 8 1885 Greenish on crown.
12074	" "	♂ juv. " 9 " "
12075	" "	♂ juv. " 16 " " with yellow throat
12076	" "	♀ " 14 " " "
12077	" "	♂ juv. June 4 " in first plumage
12078	" "	♀ " 17 " " "
12079	" "	♂ " May 28 1886 Woodstock first plumage
12080	" "	♀ " " " " "
12081	" "	♂ " July 21 1885 Changing from first to full plumage
12082	" "	♂ " Aug 17 1886 Autumnal plumage
12083	" "	♂ " " 24 1885 " "
12084	" "	♂ " " 12 1886 " "
12085	" "	♂ ad. July 10 1885 " "
12086	" "	♂ " " 20 1886 Autumnal plumage
12087	" "	♂ " Aug 20 1885 " "
12088	" "	♂ ad. " " " " "
12089	" "	♂ " 21 " " "
12090	<i>Helminthophorus versicolor</i>	♀ Feb. 21 1886 Mt. Pleasant.
12091	<i>Anthus ludovicianus</i>	♂ April 7 1885
12092	<i>Protonotaria citrea</i>	♂ " 23 " Mt. Pleasant
12093	" "	♂ " " " " "
12094	" "	♂ " 24 1886
12095	" "	♀ " " " " "
12096	" "	♀ May 4 1885
12097	" "	♂ " 10 1886
12098	" "	♂ " 23 " "
12099	" "	♂ " " " " "

986	12100	<i>Protonotaria citrea</i>	♂ June 3. 1886	1425
987	12101	" "	♂ " 13 " "	846
1331	12102	" "	♀ Aug 21 1885	939
1319	12103	" "	♂ " 12 1886	1573
1494	12104	" "	♀ " " " Eggs to Savannah	1574
1233	12105	<i>Helinaia samsonii</i>	♂ April 24 " "	1290
985	12106	" "	♂ " 26 " "	1302
623	12107	" "	♂ May 20 1885	792
1567	12108	" "	♂ " 26 1886	1405
1568	12109	" "	♀ " 28 " "	1410
1569	12110	" "	♂ June 7 " Eggs to Paris Museum	1432
1202	12111	" "	♂ " 14 " "	1447
1562	12112	" "	♂ juv. " 5 1885	824
1168	12113	" "	♂ " " 22 1886	1468
1175	12114	" "	♂ " July 20 " "	1488
1042	12115	" "	♂ " " " " "	1487
1043	12116	" "	♀ Aug 12 " "	1507
1328	12117	" "	♂ " 24 1885	940
995	12118	" "	♀ " 25 1886	1526
1538	12119	" "	♂ " " " "	1534
1320	12120	" "	♂ " " " "	1523
1322	12121	<i>Geothlypis trichas</i>	♂ Jan. 7 " "	1130
1224	12122	" "	♀ May 8 " Nine Mile Bottom	1344
1225	12123	<i>Eliurus noveboracensis</i>	♂ Aug 17 " "	1522
653	12124	" "	♂ " 25 " Woodstock	1532
658	12125	" aurocapillus	♂ " 17 " "	1520
695	12126	<i>Icteria virens</i>	♂ Apr. 29 " "	1308
684	12127	<i>Sialia sialis</i>	♂ " 9 " "	1280
827	12128	" "	♂ " " " "	1249
866	12129	" "	♀ " " " "	1251
1415	12130	" "	♂ " 12 " "	1252
1416	12131	" "	♂ " 13 " "	1258
921	12132	" "	♀ " 13 " "	1259
1519	12133	" "	♂ Nov. 16 " "	1573
944	12134	" "	♀ " " " "	1574
1515	12135	<i>Cistothorus palustris</i>	♂ Sep. 18 1885 Mt. Pleasant	988
908	12136	" "	♀ Oct. 6 " Eggs to Savannah	1022
1489	12137	" "	♂ Nov. 9 1886 Seven Mile Station	1570
933	12138	" "	♀ Dec 9 " "	1596
934	12139	" stellatus	♂ Feb. 15 " "	1203
936	12140	" "	♀ " " " "	1204
1215	12141	<i>Thryothorus ludovicianus</i>	♂ " 4 " "	1180
641	12142	" "	♂ " 6 " "	1184
700	12143	" "	♂ " 10 " Requested	1194
699	12144	" "	♂ " " " "	1195
1294	12145	" "	♀ " " " "	1196
1296	12146	" "	♂ " 15 " "	1201
746	12147	<i>Polioptila caerulea</i>	♂ Dec 15. 1885	1117
1351	12148	<i>Polioptila caerulea</i>	♂ " " " "	1116
1411	12149	<i>Regulus satrapa</i>	♀ Feb. 10 1886	1198

## Near Charleston, South Carolina, Collector: Arthur L. Mayne

12150	<i>Regulus calendula</i>	♂	Nov. 18. 1885	
12151	<i>Vireo solitarius atricola</i>	♂	July 20 1886	
12152	" <i>olivaceus</i>	♂	April 21 " }	Hobbes Point
12153	" "	♂	" " " }	
12154	" <i>flavifrons</i>	♀	" 10 1885	
12155	<i>Peranga aestiva</i>	♂	" 13 "	
12156	" "	♂	" 29 "	
12157	" "	♀	" " " Externally light plumage	
12158	" "	♂	" 30 1886	Mt. Pleasant
12159	" "	♀	" " "	Hobbes Point
12160	" "	♂	May 5 "	
12161	" "	♀ juv.	July 30 "	
12162	" "	♀	" " "	
12163	" "	♂	" " "	
12164	" "	♀	Sept 4 1885	
12165	<i>Progne purpurea</i>	♂	June 23 "	
12166	" "	♀	" " "	
12167	<i>Pelzoplinea serrifrons</i>	♂	April 13 1886	
12168	" "	♀	" 14 "	Sullivan's Island
12169	<i>Colaptes bitorquatus</i>	♂	March 4 "	
12170	" "	♂	" " "	
12171	" "	♂	Nov. 2 1885	
12172	<i>Turdus mustelinus</i>	♂	Apr. 26 1886	
12173	" "	♂	May 5 "	Woodcock
12174	" <i>pusillus</i>	♀	" 3 "	New-Mile Bottom (L. L. King)
12175	<i>Sialia sialis</i>	♀	Apr. 12 "	
12176	<i>Chondestes tristis</i>	♂	March 6 "	
12177	<i>Peucaea bachmani</i>	♂	Jan. 2 "	
12178	" "	♂	Feb. 2 "	
12179	<i>Melospiza palustris</i>	♀	Jan. 26 "	
12180	<i>Junco hyemalis</i>	♂	Feb. 15 "	
12181	" "	♀	" " "	
12182	<i>Spizella socialis</i>	♂	March 19 "	SPRINGER TO MORT. FOR. NAT. MUSE.
12183	" "	♀	" " "	
12184	" "	♀	June 3 "	Redsville
12185	<i>Passerculus savanna</i>	♀	Dec. 1 1885	Sullivan's Island
12186	" "	♀	Jan. 26 1886	
12187	" "	♂	Dec. 1 1885	Sullivan's Island
12188	" "	♂	Feb. 20 1886	
12189	" "	♀	April 14 "	Sullivan's Island
12190	<i>Ammodramus maritimus</i>	♂	Sept. 18 1885	Mt. Pleasant
12191	" "	♀	" 25 "	" "
12192	" "	♂	" " "	" "
12193	" "	♂	Oct. 26 "	Sullivan's Island
12194	" <i>caudatus</i>	♂	Jan. 23 1886	
12195	" "	♂	" " "	
12196	" "	♂	Oct. 2 1885	Sullivan's Island
12197	" "	♂	" " "	
12198	" "	♂	" " "	
12199	" "	♂	" 19 "	" "

## Near Charleston, South Carolina, Collector: Arthur L. Mayne

1098	12200	<i>Ammodramus caudatus</i>	♂	Oct. 19. 1885	Sullivan's Island	1053
1169	12201	"	♂	" 26. " To 1885 straight "	"	1061
1281	12202	"	♂	Nov. 9. " "	"	1081
1280	12203	"	♂	" " " "	"	1082
663	12204	"	♂	" 16. " "	"	1092
688	12205	"	♂	Dec. 1. " "	"	1010
721	12206	"	♂	" " " "	"	1108
723	12207	"	♂	Jan. 2. 1886	"	1143
1317	12208	"	♀	March 10. " "	"	1199
1318	12209	"	♂	Oct. 19. 1885	Sullivan's Island	1057
1338	12210	" <i>cauda. Nelsoni</i>	♂	Jan. 23. 1886	determined by Ridgway	1144
1496	12211	"	♂	" " " "	"	1145
1497	12212	"	♂	Oct. 6. 1885	Sullivan's Island	1019
1498	12213	"	♀	" 9. " "	Mt. Pleasant	1025
965	12214	"	♀	" 19. " "	Sullivan's Island	1055
891	12215	"	♀	" " " "	determined by Ridgway	1086
892	12216	"	♂	Dec. 1. " "	Sullivan's Island	1109
1261	12217	<i>Coturniculus henrici</i>	♂	Jan. 28. 1886	"	1131
1270	12218	"	♂	March 28. 1885	"	617
1178	12219	"	♂	Oct. 31. " "	expected	1069
1177	12220	"	♂	" " " "	"	1071
107	12221	"	♂	Nov. 4. " "	"	1080
1306	12222	"	♂	" 21. " "	"	1099
1336	12223	" <i>lecontei</i>	♀	Jan. 26. 1886	"	1142
1334	12224	" <i>passerinus</i>	♂	Nov. 4. 1885	"	1079
1254	12225	<i>Zonotrichia albicollis</i>	♀	Feb. 20. 1886	"	1171
1183	12226	<i>Passerella iliaca</i>	♀	March 4. " "	"	1181
1140	12227	"	♂	Jan. 23. " "	"	1139
1154	12228	<i>Cyanospiza ceris</i>	♂	April 24. 1885	Mt. Pleasant	708
1149	12229	"	♂	June 3. " "	"	822
1162	12230	"	♂	" 11. " "	"	844
1163	12231	"	♂	" 20. " "	"	851
1208	12232	"	♂ juv.	July 5. " "	"	917
1209	12233	"	♂	June 16. 1886	"	1459
1430	12234	" <i>Cyanus caeruleus</i>	♂	July 1. 1885	"	906
1113	12235	"	♂	April 26. 1886	"	1303
1148	12236	"	♂	" 30. 1885	"	728
1121	12237	"	♀	May 8. 1886	GONE IN FEEL. TO L. C. SANFORD	1343
1170	12238	"	♂	June 20. 1885	"	577
1271	12239	"	♂	June 3. 1886	"	1426
989	12240	"	♀	June 20. 1885	GONE IN FEEL. TO L. C. SANFORD	878
1003	12241	"	♂	" 26. 1886	"	1473
1000	12242	"	♀	" " "	"	1474
1062	12243	"	♂	July 20. " "	"	1490
1141	12244	"	♂	July 15. 1885	"	914
1142	12245	<i>Sceloporus ferrugineus</i>	♂	March 2. 1886	"	1174
1016	12246	"	♂	" " "	"	1173
1018	12247	"	♂	" 4. " "	"	1179
1014	12248	<i>Icterus spurius</i>	♂ juv.	June 22. 1885	"	886
1054	12249	"	♀	" " "	"	887

Near Charleston, South Carolina. Collector Arthur T. Mayne					
12250	<i>Agelaius phoeniceus</i>	♀	April 17, 1886		1276
12251	"	♀	"	"	1277
12252	"	♀	June 26, " Goose Creek		1477
12253	<i>Chordeiles pictus</i>	♂	" 3, " Ridgeville		1427
12254	<i>Tyrannus dominicensis</i>	♀	May 28 1885 (Sullivan) With nest and one egg	813	12304
12255	" <i>carolinensis</i>	♂	April 24 1886		12305
12256	"	♂	" 26 "		12306
12257	"	♂	" 29 "		12307
12258	"	♀	May 3, " Vine Mile Bottom		12308
12259	<i>Myiarchus cinerascens</i>	♂	June 24 "		12309
12260	<i>Myiarchus pusillus</i>	♂	Sept. 2 "		12310
12261	<i>Empidonax acadicus</i>	♂	Sept. 17, 1885		12311
12262	<i>Picus villosus auduboni</i>	♀	April 15 1886		12312
12263	"	♂	June 26 "		12313
12264	"	♂ juv.	May 26 "		12314
12265	"	♂	June 2, "		12315
12266	"	♀ juv.	" 3, 1885		12316
12267	"	♀	" 5, "		12317
12268	"	♂	Nov. 2, "		12318
12269	" <i>borialis</i>	♂	Jan. 28, 1886		12319
12270	"	♀	April 7 "		12320
12271	"	♀	Nov 24 1885		12321
12272	"	♀	" " "		12322
12273	"	♂	" " "		12323
12274	<i>Melanerpes erythrocephalus</i>	♂	June 3 1886 Ridgeville		12324
12275	"	♀	" " "		12325
12276	"	♂ juv.	Sept. 29 1885		12326
12277	<i>Sphyrapicus varius</i>	♂	Feb. 15 1886		12327
12278	<i>Certhia carolinensis</i>	♂	" " "		12328
12279	"	♀	" " "		12329
12280	"	♀	Feb. 21 "		12330
12281	"	♂	Nov. 4 1885 Mt. Pleasant		12331
12282	"	♂	" " "		12332
12283	<i>Chamaea fasciata</i>	♂	Oct. 16 "	Sullivan Island	12333
12284	"	♀	" " "	"	12334
12285	"	♀	" " "	"	12335
12286	"	♂	" 19 "	"	12336
12287	"	♀	" " "		12337
12288	"	♂	" 19, 1886 Sitting on nest with two eggs		12338
12289	"	♂	Dec 1 1886 Sullivan Island		12339
12290	"	♀	" " "		12340
12291	<i>Myiarchus cinerascens</i>	♂	May 10 1886 Low-Cow Swamp		12341
12292	<i>Turdus migratorius</i>	♀	" 26 "	Woodstock	12342
12293	<i>Geothlypis trichas</i>	♂ juv.	Oct. 5 "	Sullivan Island	12343
12294	<i>Merula migratoria</i>	♂	May 13 "		12344
12295	<i>Phoebastria immutabilis</i>	♀	Nov. 30 1886 Fox Mile House		12345
12296	"	♂	May 31 "	Woodstock	12346
12297	<i>Rallus elegans</i>	♂	July 10 "		12347
12298	<i>Numenius hudsonicus</i>	♂	Oct. 2 1885 Sullivan Island		12348
12299	"	♀	" " "	"	12349

Near Charleston, South Carolina. Collector Arthur T. Mayne					
12300	<i>Synaldis helvetica</i>	♂	Sept 11, 1885	Sullivan Island	975
12301	"	♂	" 25 "	Mt. Pleasant	998
12302	"	♂	Oct. 12 "	Sullivan Island	1027
12303	"	♂	" " "	"	1026
12304	"	♂	" " "	"	1028
12305	"	♂	Nov 16 "	"	1089
12306	<i>Aegialitis melodia</i>	♂	Feb. 26 1886	"	1220
12307	"	♀	" " "	"	1221
12308	"	♂	April 14 " ac. exp. Loringwood		1263
12309	"	♂	May 13 1885	"	774
12310	"	♀	Sept. 10 " ac. exp. Loringwood		974
12311	<i>Stelops</i>	♂	May 6 "	"	751
12312	"	♀	" " "	"	752
12313	"	♀	Sept. 11 "	"	979
12314	<i>Myiarchus cinerascens</i>	♀	July 14 "	"	912
12315	"	♂	Sept. 10 "	"	969
12316	" <i>Sceloporus</i>	♀	July 14 " Gone to C. F. Haggard		911
12317	"	♂	Aug 4 1886 Gone to C. F. Haggard		1501
12318	"	♀	Sept. 10 1885 ac. exp. Loringwood		971
12319	"	♂	" " "	"	970
12320	<i>Tringa alpina americana</i>	♀	May 15 1886	"	1366
12321	"	♂	Oct. 2 1885	"	1011
12322	"	♂	" 12 "	"	1034
12323	"	♂	" " "	"	1023
12324	"	♂	" 16 Sent in exch. to brother		1049
12325	"	♂	" 26 "	"	1063
12326	"	♂	Nov. 16 "	"	1090
12327	<i>Maculata</i>	♂	Nov. 26 1886	"	1222
12328	"	♂	Oct. 2 1885	"	1010
12329	"	♂	" 12 "	"	1032
12330	"	♂	" " "	"	1031
12331	<i>Curculio</i>	♀	May 19 1886	"	1379
12332	"	♂	Sept. 10 1885	"	966
12333	"	♂	Oct. 2 "	"	1009
12334	"	♂	" 8 1884	C. F. Haggard	229
12335	"	♀	" 9 1885	Mt. Pleasant	1024
12336	<i>Passerculus</i>	♂	May 13 1886	Sullivan Island	1382
12337	"	♂	" 19 "	"	1383
12338	"	♀	" " "	"	1268
12339	<i>Minutella</i>	♂	April 14 "	"	1537
12340	"	♂	Sept. 17 "	"	1536
12341	<i>Excitator occidentalis</i>	♂	" " "	"	1013
12342	"	♂	Oct. 2 1885	"	1012
12343	"	♂	" " "	"	1543
12344	"	♂	" 3 1886	"	1547
12345	"	♀	" " "	"	1548
12346	"	♀	" " "	"	1549
12347	"	♀	" " "	"	1546
12348	"	♂	" " "	"	1637
12349	"	♂	" 14 1885	"	

Near Charleston, South Carolina			Collector Arthur L. Haynes	
12350	<i>Creumetes occidentalis</i>	♂	Nov. 16, 1885	Sullivan's Island 1091
12351	<i>Calidris arenaria</i>	♂	Feb. 26, 1886	" 1223
12352	"	♀	May 19, "	" 1339
12353	"	♀	" " "	" 1387
12354	"	♂	" " "	" 1384
12355	"	♂	" " "	" 1404
12356	"	♂	" 24, "	" 1403
12357	"	♂	" " "	" 973
12358	"	♀	Sept. 10, 1885	" 977
12359	"	♂	" 11, "	" 981
12360	"	♀	" 15, "	" 980
12361	"	♂	" " "	" 992
12362	"	♀	" 22, "	" 991
12363	"	♂	" " "	" 1035
12364	"	♂	Oct. 14, "	" 1341
12365	<i>Tringoides macularius</i>	♂	May 7, 1886	Hobcarr Point
12366	<i>Cardinalis virginianus</i>	♂ juv.	June 19, 1885	" 872
12367	"	♀	" 5, "	" 831
12368	<i>Melospiza communis, arctica</i>	♀	Dec 24, " <del>1885</del>	Hobcarr Point 1125
12369	" <i>colubularis</i>	♂	Oct. 2, 1886	Sullivan's Island 1541
12370	<i>Rufus lineatus</i>	♀	Feb. 2, 1886	" 1172
12371	"	♂	Feb. 6, 1886	" 1182
12372	<i>Nethion carolinense</i>	♂	Jan. 14, "	Exch. to Leningrad 1133
12373	"	♀	" " "	" 1134
12374	<i>Fulix affinis</i>	♀	Jan. 25, "	" 1146
12375	" <i>collaris</i>	♀	" 11, "	" 1132
12376	<i>Crismata rubra</i>	♀	" 19, "	Exch. to Leningrad 1135
12377	"	♂	Feb. 6, "	" 1157
12378	<i>Mergus serrator</i>	♂	Jan. 30, "	" 1152
12379	<i>Lophodytes cucullatus</i>	♂	" 11, "	" 1131
12380	<i>Sterna fuscata</i>	♂	Aug. 14, "	Sullivan's Island 1518
12381	" <i>regia</i>	♀	June 10, 1886	Sullivan's Island 1439
12382	" <i>anthracina</i>	♂	June 10, 1886	Sullivan's Island 1440
12383	<i>Quiscalus purpureus</i>	♂	Apr. 1, 1886	" 1118
12384	<i>Pipilo caeruleus</i>	♂	Dec. 15, 1885	" 1379
12385	<i>Tris solitarius</i>	♂	Nov. 23, 1886	" 1590
12386	" <i>viridanus</i>	♂	Dec. 7, "	Six Mile House 1581
12387	<i>Carpodacus purpureus</i>	♂	Nov. 30, "	" 1582
12388	"	♂	" " "	" 1551
12389	<i>Ammodramus maritimus</i>	♂ juv.	Oct. 12, "	Sullivan's Island 1586
12390	<i>Colinus passerinus</i>	♂	Nov. 30, "	Six Mile House 902
12391	<i>Cyanospiza cyris</i>	♂	Jan. 30, 1885	" 1372
12392	<i>Phoebe borealis</i>	♀	Nov. 16, 1886	" 1571
12393	"	♂	" " "	" 1595
12394	<i>Scolecophagus ferrugineus</i>	♀	Dec. 9, "	Collector C. A. Smyth Jr. 378
12395	<i>Sterna hirsuta</i>	♀	Aug. 13, "	" 978
12396	<i>Creumetes occidentalis</i>	♂	Sept. 11, 1885	John R.R. (Sullivan's Island) 1476
12397	<i>Ardea herodias</i>	♀	June 26, 1886	Seven Creek 1517
12398	<i>Ardea herodias</i>	♀	Aug. 14, "	Sullivan's Island 1460
12399	<i>Nauclerus fuscus</i>	♀	June 19, "	"
12400	<i>Catharista atrata</i>	♀	Aug. "	See Ark. Oct. 1886.

Near Frogmore, South Carolina			Collector Walter Harris	
12401	<i>Sturnus mustelinus</i>	♂	May 14, 1886	1594
12402	<i>Salix salix</i>	♂	Mar. 26, "	1848
12403	<i>Sitta pusilla</i>	♀	June 26, "	2077
12404	"	♀	July 16, "	Frogmore 2093
12405	<i>Parus carolinensis</i>	♂	Sept. 6, "	" 2136
12406	"	♂	Aug. 2, "	" 2108
12407	<i>Troglodytes aedon</i>	♂	Mar. 24, "	deek side 2137
12408	<i>Cistothorus palustris</i>	♀	Sept. 27, "	" 2148
12409	" <i>stellatus</i>	♂	Mar. 17, "	Fall rushes 1507
12410	<i>Minotilta varia</i>	♀	Oct. 2, "	" 2166
12411	<i>Parula americana</i>	♂	Apr. 2, "	Swamp 1508
12412	<i>Geothlypis trichas</i>	♂	Sept. 29, "	" 2158
12413	" <i>discolor</i>	♀	July 26, "	" 2104
12414	"	♀	Sept. 6, "	" 2135
12415	"	♂	" 30, "	" 2164
12416	" <i>dominica</i>	♂	Aug. 13, "	Island 1743
12417	" <i>pinus</i>	♂	Mar. 8, "	Pine woods 1793
12418	"	♂	" 20, "	Pine woods 1822
12419	"	♂	" 22, "	" 1836
12420	"	♂	Sept. 6, "	Frogmore 2134
12421	<i>Geothlypis trichas</i>	♂	Mar. 17, "	" 1811
12422	<i>Geothlypis trichas</i>	♂	Sept. 11, "	" 2137
12423	<i>Setaria viridis</i>	♂	May 6, "	" 1966
12424	"	♀	June 26, "	" 2078
12425	<i>Sturna arctica</i>	♂	May 7, "	" 1972
12426	"	♂	June 9, "	" 2075
12427	<i>Colinus ludovicianus</i>	♂	Oct. 4, "	Frogmore 2171
12428	"	♀	Feb. 26, "	" 1761
12429	"	♂	Mar. 22, "	Open field 1530
12430	"	♂	Apr. 6, "	" 1864
12431	"	♂	" 7, "	Open field 1874
12432	"	♂	" 7, "	" 1873
12433	<i>Proccetes gramineus</i>	♀	Mar. 22, "	" 1829
12434	<i>Coturniculus passerinus</i>	♀	" 5, "	Low woods 1982
12435	<i>Ammodramus</i>	♂	Apr. 20, "	" 1913
12436	" <i>nelsoni</i>	♀	May 13, "	" 1989
12437	" <i>maritimus</i>	♀	Aug. 10, "	Frogmore 2117
12438	"	♀	Sept. 28, "	" 2151
12439	"	♀	" 27, "	" 2149
12440	<i>Melospiza melodia</i>	♀	Feb. 26, "	" 1770
12441	"	♀	Mar. 4, "	Low woods 1780
12442	" <i>palustris</i>	♀	May 19, "	" 1757
12443	<i>Junco hyemalis</i>	♀	Mar. 9, "	Oak thicket Exch. to Leningrad 1796
12444	<i>Cyanospiza cyris</i>	♂	May 10, "	" 1782
12445	"	♂	June 4, "	" 2052

Near Frogmore, South Carolina. Collected by Wm. H. Hens				
12446	<i>Cyanospiza cyres</i>	♂	Jun 9 1886	
12447	"	♀	July 7. "	Frogmore
12448	"	♂	" 25. "	"
12449	"	♂	Sep. 30. "	"
12450	"	♀	Oct. 7. "	"
12451	<i>Pipilo alleni</i>	♂	Mar. 3 "	Low woods
12452	"	♂	" 22. "	Open woods
12453	"	♂	Apr. 6 "	"
12454	"	♂	May 8. "	"
12455	"	♀	Jun. 7. "	"
12456	<i>Cardinalis virginianus</i>	♂	Feb. 24. 1886	Green meadows
12457	"	♂	Mar. 3. "	Pine woods
12458	"	♀	" 8. "	"
12459	"	♀	" 15. "	"
12460	"	♂	Apr. 3. "	Open woods
12461	"	♂	" 6. "	"
12462	"	♂	" 16. "	Gone to inland
12463	"	♂	"	"
12464	"	♂	Feb. 4. "	"
12465	<i>Dolichonyx oryzivorus</i>	♂	May 12. "	"
12466	<i>Scotophilagus ferrugineus</i>	♂	Mar. 8. "	Pond
12467	<i>Icterus spurius</i>	♂	May 3. "	Hedge
12468	<i>Agelaius phoeniceus</i>	♂	Mar. 26. "	"
12469	"	♂	May 12. "	"
12470	"	♂	Jun 25 1885	"
12471	<i>Sturnella magna</i>	♂	Feb. 4 1886	"
12472	<i>Corvus americanus</i>	♂	Mar. 3. "	"
12473	<i>Picus villosus auduboni</i>	♀ juv.	May. 19. "	"
12474	"	♂	Oct. 6. "	Frogmore
12475	" <i>pubescens</i>	♂	July 18. "	"
12476	"	♂	Sep. 29. "	Frogmore
12477	<i>Centurus carolinus</i>	♂	July 12. "	Hemiptera
12478	"	♂	Mar. 3 "	Thick woods
12479	<i>Tyrannus carolinensis</i>	♂	May. 14. "	Open field
12480	"	♀ juv.	July 5 "	Frogmore
12481	<i>Ceryle alcyon</i>	♂	Mar. 9. "	"
12482	<i>Chordeiles popetue</i>	♂	Aug. 6. "	Frogmore
12483	<i>Ammodramus carolinensis</i>	♂	July. 10 "	"
12484	"	♂	" 22. "	"
12485	"	♂	Oct. 6. "	Frogmore
12486	<i>Chamaeapecten passerina</i>	♂	Sep. 30 "	"
12487	"	♂	Oct. 6. "	"
12488	"	♂	"	"
12489	<i>Ortyx virginiana</i>	♀	Mar. 10. "	"
12490	"	♂	" 20. "	"
12491	"	♀	Apr. 6. "	"
12492	<i>Haematopus palliatus</i>	♂	May 28 "	"
12493	<i>Agelaius vocifera</i>	♂	Jan. 15 "	Open field
12494	"	♂	Mar. 8 "	Bradish Pond
12495	"	♀	" 6 "	near creek

Near Frogmore, South Carolina. Collected by Wm. H. Hens				
2073	<i>Agelaius vocifera</i>	♂	Mar. 9 1886	
2101	"	♂	July 26. "	Bradish Pond
2102	" <i>wilsonianus</i>	♀	Apr. 8. "	"
2162	"	♂	" 21. "	"
2177	"	♂	May 25. "	Balls Pt. (N. C. Harbor)
1778	"	♂	Apr. 28. "	Sand flat
1827	" <i>semipalmata</i>	♂	" 30. "	"
1870	"	♂	"	"
1479	<i>Stepsilas interpres</i>	♂	May 28. "	Balls Pt.
2061	<i>Sotamus melanoleucus</i>	♀	Mar. 22 "	Salt marsh
1757	"	♂	"	"
1779	"	♂	" 24. "	Shrimps
1789	<i>Macrorhamphus griseus</i>	♀	Apr. 15. "	Flat
1804	<i>Tringa alpina americana</i>	♂	Mar. 25. "	Mud flat
1863	"	♀	"	"
1867	"	♀	Apr. 23. "	"
1899	"	♂	"	"
1713	" <i>fuscolles</i>	♂	May. 3 "	Salt Pond
1986	"	♂	"	"
1788	" <i>minutella</i>	♀	Apr. 23. "	Beach
1954	"	♀	May 20. "	"
1845	"	♀	"	"
1988	"	♂	Aug. 9. "	Bradish Pond
1373	<i>Ereunetes pusillus</i>	♀	Apr. 23. "	Beach
1710	"	♂	" 30. "	Sand flat
1776	"	♂	"	"
2005	"	♂	May. 11. "	Exits for completed bridge
2174	" <i>occidentalis</i>	♂	" 12. "	St. Helena Island
1756	"	♂	Apr. 8. "	Beach, Sept. 1st
2159	"	♂	"	"
1740	"	♂	" 9. "	Creek.
1777	<i>Calidris arenaria</i>	♀	Aug. 10. "	Frogmore
1996	"	♂	Apr. 8. "	Beach
2085	"	♂	" 23. "	Mud flat.
1799	"	♀	May 27. "	Balls Point
2115	<i>Bubo virginianus</i>	♂	July 26. "	Pine barren, St. Helena Island
1730	<i>Cathartes aura</i>	♀	Mar. 12 1886	S. C. Rabbit and Clapper Rail
1760	<i>Catharista atrata</i>	♀	Apr. 27. "	Island, N. C. Harbor
2175	"	♂	May 6. "	"
2161	"	♂	" 6. "	"
2178	"	♀	"	"
2167	<i>Gallinula galeata</i>	♀	Apr. 8. "	Pond, Duck pond
1800	<i>Ardea herodias</i>	♂	" 15. "	Chaplain Island Fish
1820	"	♀	"	Cats
1871	" <i>caerulea</i>	♂	Jun. 28. "	Fresh Pond
2031	" <i>lucovicianus</i>	♂	Apr. 8. "	Pond Fish
1701	" <i>versicolor</i>	♂	Jul. 3. "	"
1791	"	♂	Apr. 17. "	Marsh.
1787	<i>Ardetta exilis</i>	♂	" 7. "	Pond
		♂ juv.	Jun. 8. "	"



Near Fregmore, South Carolina. Collector Walter Howe				
12546	<i>Sterna regia</i>	♂ ad. Aug. 24. 1886	Bay Point	2130
12547	"	♂ juv. " " "	"	2131
12548	"	♂. " 17. "	Bulls Pt.	2125
12549	"	♂ ad. " 17. "	"	2126
12550	"	♂ ad. Mar. 26. "	Beach Fish	1847
12551	" <i>antillarum</i>	♀ im. May 27 "	Bulls Pt. abnorm. Bay	2019

Near Fregmore, South Carolina. Collector W. W. Worthington

12552	<i>Troglodytes udon</i>	♀	Feb. 22. 1886.	
12553	"	♂	Apr. 17. "	
12554	<i>Certhia americana</i>	♂	Mar. 6. "	
12555	<i>Dendroica kirtlandi</i>	♂	Apr. 27. "	
12556	" <i>aestiva</i>	♂	" 28. "	
12557	<i>Icteria virens</i>	♂	May 31. "	
12558	"	♂	Apr. 27. "	
12559	"	♂	" 28. "	12559 on tag, correction to 12559 2/20/20
12560	"	♂	" " "	
12561	"	♂	" " "	
12562	<i>Parus rubra</i>	♂	May 1. "	
12563	<i>Vireo solitarius</i>	♂	Mar. 9. "	
12564	<i>Ammodramus caudatus</i>	♀	Feb. 18. "	
12565	"	♂	" " "	
12566	"	♂	Mar. 19. "	201
12567	"	♀	" " "	"
12568	"	♂	" " "	"
12569	"	♀	" " "	"
12570	"	♂	" " "	"
12571	<i>Cyanospiza ciris</i>	♂	Apr. 26. 1884	St. Helena Island S.C. 251
12572	"	♂	" 27. 1886	
12573	"	♂	" 28. "	
12574	<i>Pipilo c. alleni</i>	♂	Feb. 11. "	
12575	"	♂	Mar. 25. "	237
12576	"	♂	" 24. "	"
12577	"	♂	" " "	"
12578	<i>Icterus spurius</i>	♂	Apr. 26. "	Rejected
12579	"	♂	" " "	
12580	"	♂	May 11. "	
12581	"	♂	" 15. "	
12582	"	♂ 19	" 21. "	
12583	"	♂	June 1. "	
12584	<i>Quiscalus major</i>	♀	Mar. 12. "	277

Near Fregmore, South Carolina. Collector W. W. Worthington				
12585	<i>Melanerpes erythrocephalus</i>	♂	Apr. 29. 1886	
12586	<i>Picus villosus induboni</i>	♀	Mar. 8. "	
12587	"	♂	" 22. "	
12588	<i>Chamaeophila passerina</i>	♂	Feb. 11. "	
12589	"	♀	Mar. 6. 1884	St. Helena Island S.C. 463
12590	<i>Regalites wilsonius</i>	♂	Apr. 12. 1886	Bay Point
12591	"	♀	" 22. "	"
12592	"	♀	" 25. "	"
12593	"	♂	May 7. "	Station Creek
12594	" <i>meloda circumcincta</i>	♂	Apr. 16. "	Bay Point Island
12595	"	♂	" " "	Edding Island
12596	"	♂	" " "	"
12597	"	♂	May 11. "	"
12598	"	♀	" " "	cc. vi. beningensis
12599	<i>Rhyacophilus solitarius</i>	♂	Apr. 28. "	
12600	"	♀	May 1. "	
12601	<i>Totanus flavipes</i>	♀	Apr. 13. "	Edding Island
12602	<i>Macrorhamphus scolopaceus</i>	♀	May 5. "	
12603	"	♀	Apr. 27. "	Station Creek
12604	" <i>gracilis</i>	♂	May 5. "	

St. Helena Island, New York. Collector W. W. Worthington				
12605	<i>Merula migratoria</i>	♂	Oct. 2. 1886	
12606	"	♂	" 6. "	
12607	"	♀	" " "	
12608	<i>Turdus mustelinus</i>	♂	June 21. "	
12609	"	♂	July 16. "	
12610	"	♂	" 2. "	
12611	"	♂	" 21. "	
12612	"	♂	" 22. "	
12613	"	♂	" " "	
12614	"	♂	" " "	
12615	"	♂	Sep. 18. "	
12616	"	♀	" " "	
12617	"	♂	" 27. "	
12618	" <i>aliciae</i>	♀	" 21. "	
12619	"	♀	" 13. "	
12620	"	♂	Oct. 4. "	
12621	<i>Sitta carolinensis</i>	♂	Nov. 23. 1885	51
12622	"	♂	Apr. 11. "	"
12623	<i>Certhia americana</i>	♂	Oct. 22. "	
12624	<i>Parula</i>	♂	May 1. "	88
12625	<i>Dendroica palmarum</i>	♀	Sept. 21. 1886	
12626	<i>Geothlypis noveboracensis</i>	♂	" 6. "	
12627	<i>Parus rubra</i>	♂	" 13. "	
12628	<i>Hirundo horreorum</i>	♂	Apr. 28. 1885	154
12629	"	♂	July. 2. 1886	2nd night
12630	"	♂	" " "	
12631	"	♂	Aug. 23. "	

Shelter Island, New York		Collector W.W. Worthington	
12632	<i>Tachycineta bicolor</i>	♂	May 6, 1885
12633	"	♂	June 21, 1886
12634	"	♂ ad.	July 11, 1879
12635	"	♂	" 21, 1886
12636	"	♂	Aug. 16 "
12637	"	♂	Sept. 2, 1885
12638	<i>Colaptes auratus</i>	♀ ad.	May 12, 1880
12639	<i>Petrochelidon lunifrons</i>	♂	May 16, 1885
12640	"	♀	June 30, 1886
12641	<i>Progne subis</i>	♂	Apr. 30, 1885
12642	"	♂	June 8, "
12643	"	♂	Aug. 23, 1886
12644	"	♂	" " "
12645	"	♂	" " "
12646	"	♀	" " "
12647	"	♂	" " "
12648	"	♂	" " "
12649	<i>Columbiculus passerinus</i>	♂	May 28, 1885
12650	"	♂	" 20 "
12651	"	♂	June 30, 1886
12652	"	♂	July 21, "
12653	"	♀	Aug. 20, "
12654	"	♀	" " "
12655	"	♂	" " "
12656	"	♀	" " "
12657	"	♀	July 21, "
12658	<i>Ammodramus maritimus</i>	♀	Aug. 10, "
12659	"	♂	" 12, "
12660	"	♂	" " "
12661	"	♂	" " "
12662	"	♀	" 13, "
12663	"	♀	" " "
12664	<i>Caudacetus</i>	♂	" 10, "
12665	"	♂	" 11, "
12666	"	♂	" 11, "
12667	<i>Philohela minor</i>	♂ ad.	Apr. 4, 1885
12668	"	♂ ad.	" 27, 1880
12669	<i>Numenius tricolor</i>	♀	Aug. 4, 1886
12670	<i>Ammodramus caudacetus</i>	♂	Aug. 11, 1886
12671	"	♀	" 10, "
12672	"	♂	" 11, "
12673	"	♂	" 11, "
12674	"	♂	" 11, "
12675	"	♂	" 11, "
12676	"	♂	" 13, "
12677	"	♀	" 13, "
12678	"	♀	" 13, "
12679	"	♂	" 13, "
12680	<i>Passerella iliaca</i>	♂	Nov. 10, 1885
12681	<i>Icterus spurius</i>	♂	June 16, "

Gardiners Island, N.Y.

Shelter Island

Ram Island Shoals  
Gardiners Island, N.Y.

Shelter Island, New York		Collector W.W. Worthington	
12682	<i>Icterus spurius</i>	♂	July 10, 1885
12683	"	♂	May 13, "
12684	"	♂	" 28, "
12685	"	♂	June 16, 1886
12686	"	♂	" 19, "
12687	"	♂	" 21, "
12688	"	♂	" 25, "
12689	"	♂	Aug. 20, "
12690	"	♀	July 21, "
12691	"	♀	Aug. 21, "
12692	<i>Dolichonyx oryzivorus</i>	♀	" 20, "
12693	<i>Notolanius picoris</i>	♂	Sept. 24, "
12694	<i>Agelaius phoeniceus</i>	♂	Oct. 5, "
12695	"	♂	" 26, 1885
12696	<i>Quiscalus purpureus</i>	♂	June 16, 1886
12697	"	♂	" 16, "
12698	"	♂	" 18, "
12699	"	♂	" " "
12700	"	♂	" " "
12701	"	♂	" 21, "
12702	"	♂	" " "
12703	"	♂	" " "
12704	"	♂	" 29, "
12705	"	♂	" " "
12706	<i>Coccyzus americanus</i>	♀	May 19, 1885
12707	"	♂	" " "
12708	"	♂ ad.	June 14, 1880
12709	"	♂	July 20, 1885
12710	"	♂	June 22, 1886
12711	"	♀	Sept. 3, "
12712	<i>Ceryle alcyon</i>	♂	July 6, "
12713	"	♀ ad.	May 15, 1879
12714	"	♀	June 16, 1886
12715	<i>Myiarchus cinerascens</i>	♂	May 12, 1885
12716	"	♀	" 28, "
12717	"	♂	June 22, 1886
12718	"	♂	Aug. 16, "
12719	<i>Chordeiles pictus</i>	♂ ad.	June 17, 1880
12720	<i>Ceryle alcyon</i>	♂	June 27, 1886
12721	<i>Melanerpes formicivorus</i>	♂	Sept. 21, "
12722	<i>Opis uva</i>	♂	June 21, "
12723	<i>Coccyz asio</i>	♂	June 6, 1885
12724	<i>Agelaius phoeniceus</i>	♀	Aug. 5, 1886
12725	<i>Gallinago Wilsoni</i>	♂	Sept. 17, "
12726	<i>Tringa canutus</i>	♀	Aug. 10, "
12727	"	♂ ad.	Sept. 6, 1883
12728	<i>Phalaropus lobatus</i>	♂	" 22, 1886
12729	"	♀	" " "
12730	"	♂	" " "
12731	"	♂	" 28, "
12732	<i>Totanus flavipes</i>	♀	Aug. 12, "

Hecks Woods

Exch. to Museum

Ram Island Shoals, N.Y.

Gardiners Island " "

Ram Island Shoals " "

Exch. to Mus. Cognac

Gardiners Island, N.Y.

Collector, John C. Cahoon

12733. <i>Progne purpurea</i>	♂	May 18. 1886	Tamilton Mass.	100
12734. <i>Anthemodramus caudacutis</i>	♂	" 28. 1885	Cape Cod "	
12735. " "	♀	June 11 "	Monomoy Is. "	
12736. " "	♂	" 12 "	" " "	
12737. " "	♂	" " "	" " "	
12738. <i>Myiarchus cinerascens</i>		Apr. 1884	Palma Sola Fla.	
12739. " "		Apr. 25. "	Anclote "	
✓12740. " "		" 9 "	Manatee Co "	100
12741. " "		" 5 "	Charlotte Harbor "	75
12742. <i>Tyrannus dominicensis</i>	♂	" 13 "	Palma Sola "	
12743. " "	♂	" " "	" " "	
12744. " "	♂	May 7 "	Lory County "	
12745. " "		Apr. 19 "	Anna Maria Key "	
✓12746. <i>Quiscalus purpureus</i>	♂	" 15 1886	Tamilton Mass	135
✓12747. " "	♀	" 2 1885	" " "	278
12748. " "	♂	Oct. 16 1886	E. Brewster "	
12749. " "	♂	June 10 "	Monomoy Island "	
12750. " <i>aglaeus</i>	[♂]	May 7. 1884	Lory County Florida	
12751. " "	[♂]	" " "	" " "	
12752. " "	[♂]	Mar. 25 "	Manatee Co. "	
12753. " "	[♂]	" " "	" " "	
✓12754. " "	[♂]	" " "	" " "	
12755. <i>Sturnella magna</i>	[♂]	Jan 20 "	" " "	
12756. <i>Spizella cornicularia floridana</i>	♂	Mar. 24 "	" " "	
12757. <i>Falco sparverius</i>	[♀]	Feb. 11 "	Gaspesia Island "	
12758. " "	[♀]	Mar 22 "	Manatee County "	
12759. <i>Squatarola helvetica</i>	♂	May 26 1885	Cape Cod Mass	
12760. " "	♀	" 20 "	" " "	
12761. <i>Agelaius meloda</i>	♀	June 9 "	" " "	520
✓12762. " "	♀	" 18 "	" " "	
✓12763. " "	♂	" 18 "	" " "	
12764. " "	♂	" 20 1884	Murpheet "	
✓12765. <i>Tanga bonapartei</i>	♀	Aug 31 1886	Monomoy Island "	336
12766. <i>Erumites pusillus</i>		May 23 1885	Cape Cod "	577
12767. <i>Sterna longalli</i>	♀	Sept 16 1886	Monomoy Island "	688
12768. " "	♀	" 26 "	Cape Cod "	687
12769. " <i>macrura</i>	♀	" 24 "	" " "	
12770. " "	♀	" 22 "	" " "	
12771. <i>Mormon arctica</i>	♂	Dec 18 "	Provincetown Mass	743
✓12772. " "	♀	" " "	" Exhile Leningrad "	

Kantakee Marshes, La Port County Indiana, Collector Wm. S. Perry

12773. <i>Harporhynchus rufus</i>	♂	Apr. 26. 1886		
12774. <i>Cistothorus palustris</i>	♂	" 27. "		
12775. " "	♂	" " "		
12776. <i>Dendroica blackburni</i>	♂	May 6 "		
12777. " <i>castro</i>	♂	" 4 "		
12778. <i>Piranga rubra</i>	♂	" 11 "		
12779. " "	♂	" 10 "		
12780. <i>Progne purpurea</i>	♂	Apr. 17 "	Lines to Mass. George, March 1916	
12781. " "	♂	" " "		
12782. <i>Plectropterus lapponicus</i>	♂	" 1 "		
12783. " "	♂	" 1 "		
12784. " "	♂	" 1 "		
12785. " "	♂	" 1 "		
12786. " "	♂	" 1 "	Lines to W	
12787. " "	♂	" 1 "		
12788. " "	♂	" 1 "		
✓12789. " "	♂	" 1 "		
12790. " "	♂	" 1 "		
12791. " "	♂	" 1 "		
12792. " "	♂	" 1 "		
12793. " "	♂	" 1 "		
12794. " "	♀	" 1 "	Lines to Wm. S. Perry	
12795. " "	♀	" 1 "		
12796. <i>Colurniculus houstoni</i>	♂	" 24 "		
12797. " "	♂	" " "		
12798. <i>Pipilo erythrophthalmus</i>	♂	May 6 "		
12799. <i>Dolichonyx oryzivorus</i>	♂	" 10 "		
12800. <i>Quiscalus pur. cinereus</i>	♂	Apr. 10 "		
12801. " "	♀	" 10 "		
12802. <i>Agelaius phoeniceus</i>	♂	" " "		
12803. " "	♂	" " "		
12804. <i>Sturnella magna</i>	♂	" " "		
12805. " "	♀	" " "		
12806. <i>Icterus baltimore</i>	♂	May 5 "		
12807. " "	♂	" 5 "		
12808. " "	♀	" 5 "		
12809. " <i>spurius</i>	♂	" 5 "		
12810. <i>Myiarchus cinerascens</i>	♂	" 6 "		
12811. " "	♂	" 6 "		
12812. <i>Sphyrapicus varius</i>	♂	Apr. 11 "		
12813. " "	♂	" 11 "		
12814. <i>Melanerpes erythrocephalus</i>	♂	" 26 "		
12815. " "	♂	" " "		
12816. <i>Colaptes auratus</i>	♀	" 11 "		
12817. " "	♂	" 11 "		

Kentucky Marshes, La Porte County, Indiana. Coll. Wm. S. Perry				
12818	<i>Totanus melanoleucus</i>	♂	Apr. 28, 1886	
12819	"	♂	" 20 "	
12820	"	♂	" 28 "	
12821	"	♂	" " "	Eggs to young English
12822	" <i>flavipes</i>	♂	" " "	
12823	"	♂	" " "	
12824	"	♂	" " "	
12825	"	♂	" " "	
12826	<i>Pallus elegans</i>	♀	" 14 "	
12827	"	♂	" 19 "	
12828	"	♀	" 19 "	
12829	"	♂	" " "	
12830	" <i>virginianus</i>	♂	" 17 "	
12831	"	♀	" 20 "	
12832	"	♂	" 21 "	
12833	"	♂	" 17 "	
12834	"	♀	" 20 "	
12835	"	♂	" 17 "	
12836	"	♂	" " "	
12837	"	♂	" " "	
12838	"	♂	" 20 "	
12839	"	♂	" 17 "	
12840	"	♂	" " "	
12841	"	♂	" 19 "	
12842	<i>Porzana carolina</i>	♂	" 17 "	
12843	"	♂	" 11 "	
12844	"	♀	" 25 "	
12845	"	♂	" 17 "	
12846	"	♀	" 10 "	
12847	"	♀	" 29 "	
12848	"	♀	May 1 "	
12849	"	♀	Apr. 20 "	
12850	"	♀	" 17 "	
12851	"	♀	" 29 "	
12852	"	♂	" " "	
12853	"	♀	" 25 "	
12854	<i>Hydrochelidon surinamensis</i>	♂	May 13 "	
12855	"	♂	" 15 "	
12856	"	♂	" " "	
12857	"	♂	" 11 "	
12858	"	♂	" 7 "	
12859	"	♂	" 11 "	
12860	"	♂	" 13 "	

12861	<i>Tris gibbus</i>		Worcester Mass May 15, 1885	Coll. W. S. Perry
12862	<i>Anthus vociferus</i>	♂	" " " 10 "	" " " "
12863	"	♂	Princeton " Oct. 6 "	" " " "

California Collector Charles A. Allen				
12864	<i>Harporhynchus lecontei</i>	♂	Mar. 27, 1886	San Bernardino California
12865	"	♀	" " "	" " " "
12866	<i>Turdus naevius</i>	♂	" 20 "	" " " "
12867	"	♂	" 10 "	" " " "
12868	" <i>ustulatus</i>	♂	May 20 "	" " " "
12869	" <i>flavus</i>	♂	July 10 "	" " " "
12870	"	♂	" " "	" " " "
12871	"	♂	" 16 "	" " " "
12872	"	♀	" 29 "	" " " "
12873	<i>Poliopitila californica</i>	♂	Mar 7 "	San Bernardino English
12874	<i>Peucaea occidentalis</i>	♂	Jan 7 "	Blue Cañon
12875	"	♀	" " "	" " " "
12876	"	♂	July 7 "	" " " "
12877	<i>Orio lunttoni</i>	♀	Mar. 16 "	" " " "
12878	"	♀	" 19 "	" " " "
12879	"	♂	Apr. 11 "	" " " "
12880	"	♀	" 29 "	" " " "
12881	<i>Carpodacus pur californicus</i>	♂	Mar 12 "	" " " "
12882	"	♂	Apr 3 "	" " " "
12883	"	♂	June 25, 1885	" " " "
12884	"	♂	" 4, 1886	Blue Cañon
12885	<i>Chrysomitris laurencei</i>	♂	May 14, 1885	" " " "
12886	"	♀	" 20 "	" " " "
12887	<i>Melospiza samuelis</i>	♀	Feb. 7, 1886	San Rafael
12888	"	♂	" 4 "	" " " "
12889	"	♂	" 18 "	" " " "
12890	"	♀	Mar. 11, 1885	" " " "
12891	<i>Coturniculus passerinus perpallidus</i>	♂	June 12 "	Ouma
12892	"	♂	" " "	" " " "
12893	<i>Zonotrichia coronata</i>	♀	Apr 7, 1886	" " " "
12894	"	♂	" 27 "	" " " "
12895	<i>Psaltriparus torquatus</i>	♂	Feb. 10, 1885	" " " "
12896	<i>Empidonax hammondi</i>	♂	May 31, 1886	Blue Cañon
12897	<i>Agelaius gubernator</i>	♂	" 17 "	" " " "
12898	"	♂	" 16 "	" " " "
12899	"	♀	Apr. 21 "	" " " "
12900	"	♀	" " "	" " " "
12901	<i>Picus albolarvatus</i>	♂	Oct 11, 1885	Blue Cañon
12902	"	♀	" 15 "	" " " "
12903	<i>Spizella socialis</i>	♀	May 25, 1886	" " " "
12904	<i>Phalaenocorax</i>	♂	May 15, 1886	Point Reyes, Cal.
12905	"	♀	" " "	" " " "

Texas: Collector, Frank B. Armstrong

✓ 12906	<i>Harporhynchus longirostris</i>	♀	June 27, 1886	Laredo Texas
✓ 12907	"	♂	Apr. 15 "	Rio Grande Cameron Co.
✓ 12908	" <i>curvirostris</i>	♂	Dec 11 1885	Laredo Texas
✓ 12909	"	♂	Nov 15 "	" "
✓ 12910	"	♂	Nov 8 "	" "
✓ 12911	"	♂	Dec 13 "	" "
✓ 12912	"	♂	" 7 "	" "
✓ 12913	"	♂	" 7 "	" "
✓ 12914	<i>Minus polyglottus</i>	♀	Nov 9 "	" "
✓ 12915	"	♂	" 9 "	" "
✓ 12916	"	♂	Dec 20 "	" "
✓ 12917	"	♀	" 15 "	" "
✓ 12918	"	♂	Nov 13 "	" "
✓ 12919	"	♂	" 11 "	" "
✓ 12920	"	♂	" 14 "	" "
✓ 12921	"	♂	" 18 "	" "
✓ 12922	"	♂	" 8 "	" "
✓ 12923	"	♂	" 9 "	" "
✓ 12924	"	♂	Dec. 6 "	" "
✓ 12925	"	♂	Nov 9 "	" "
✓ 12926	<i>Oreoscoptes montanus</i>	♀	Dec 11 "	" "
✓ 12927	"	♂	Jan 12 1886	" "
✓ 12928	"	♀	" 5 "	" "
✓ 12929	"		Nov. 8, 1885	" "
✓ 12930	"	♀	Dec 24 "	" "
✓ 12931	"	♀	" 14 "	" "
✓ 12932	"	♀	" 11 "	" "
✓ 12933	"	♂	Jan. 4, 1886	" "
✓ 12934	"	♀	" 5 "	" "
✓ 12935	"	♀	" 3 "	" "
✓ 12936	"	♀	" 4 "	" "
✓ 12937	"	♂	" 12 "	" "
✓ 12938	<i>Helminthophaga ruficapilla</i>	♂	Apr. 15 "	Rio Grande Cameron Co.
✓ 12939	<i>Dendroica fusca</i>	♂	Jan 9 "	Laredo Texas
✓ 12940	<i>Helminthophaga vermiculata</i>	♂	Apr. 13 "	Rio Grande " Cameron Co
✓ 12941	<i>Scurus motacilla</i>	♂	Mar 20 "	Laredo "
✓ 12942	" <i>neoboracensis</i>	♂	Jan 30 "	" "
✓ 12943	<i>Icteria virens longicauda</i>	♂	" 23 "	" "
✓ 12944	"	♂	" 27 "	" "
✓ 12945	<i>Colinus ludovicianus excubitorides</i>	♂	Nov. 8, 1885	" "
✓ 12946	"	♂	Nov. 27, 1885	" "
✓ 12947	"	♂	Dec 9 "	" "
✓ 12948	<i>Nereis neoboracensis</i>	♀	" 4 "	" "
✓ 12949	" <i>belli</i>	♀	Nov. 1 "	" "
✓ 12950	<i>Pencaea cassini</i>	♀	Mar. 12, 1886	Mues Co "
✓ 12951	"	♂	" 9 "	" "
✓ 12952	"	♂	Apr. 3 "	" "

DISCARDED

Texas: Collector, Frank B. Armstrong

✓ 12953	<i>Pencaea cassini</i>	♂	Nov. 22, 1885	Laredo Texas
✓ 12954	"	♀	Dec. 4 "	" "
✓ 12955	"	♂	" 10 "	" "
✓ 12956	<i>Porospiza bilineata</i>	♂	Jan. 14, 1886	" "
✓ 12957	"	♂	Nov. 14, 1885	" "
✓ 12958	"	♀	Dec. 7 "	" "
✓ 12959	"	♀	" 7 "	" "
✓ 12960	"	♂	Nov. 12 "	" "
✓ 12961	"	♂	Dec. 7 "	" "
✓ 12962	"	♂	" 10 "	" "
✓ 12963	"	♂	Nov. 8 "	" "
✓ 12964	"	♂	" 16 "	" "
✓ 12965	"	♂	" 20 "	" "
✓ 12966	"	♂	Dec 7 "	" "
✓ 12967	"	♀	" 7 "	" "
✓ 12968	<i>Spizella pallida</i>	♂	Mar. 8, 1886	Mues Co "
✓ 12969	"	♀	" 11 "	" "
✓ 12970	"	♂	Apr. 2 "	" "
✓ 12971	<i>Embernagra rufivirgata</i>	♂	" 16 "	Cameron Co " Rio Grande
✓ 12972	"	♂	" 17 "	" "
✓ 12973	<i>Pyrrhuloxia sinuata</i>	♂	Nov. 11, 1885	Laredo, "
✓ 12974	"	♂	Dec. 18 "	" "
✓ 12975	"	♂	Nov. 10 "	" "
✓ 12976	"	♂	Dec 11 "	" "
✓ 12977	"	♂	Nov. 13 "	" "
✓ 12978	"	♂	Dec 17 "	" "
✓ 12979	"	♂	Jan. 7, 1886	" "
✓ 12980	"	♀	Dec. 4 1885	" "
✓ 12981	"	♀	Nov. 11 "	" "
✓ 12982	"	♀	Dec 13 "	" "
✓ 12983	"	♀	Nov. 6 "	" "
✓ 12984	"	♀	Dec 7 "	" "
✓ 12985	<i>Guiraca caerulea</i>	♀	Apr. 18 1886	Rio Grande " Cameron Co
✓ 12986	"	♂	" 26 "	" "
✓ 12987	<i>Hydromela ludoviciana</i>	♂	" 14 "	" "
✓ 12988	<i>Ampelis mexicanus</i>	♂	May 3 "	" "
✓ 12989	"	♂	" 15 "	" "
✓ 12990	" <i>crinitus</i>	♂	Jan. 25, 1886	Laredo Tex
✓ 12991	<i>Contopus virens</i>	♂	" 30 "	" "
✓ 12992	"	♂	Apr. 16 "	Rio Grande " Cameron Co
✓ 12993	<i>Melospiza forficatus</i>	♂	" 7 "	" "
✓ 12994	"	♂	" 11 "	" "
✓ 12995	"	♀	Jan. 27 "	" Laredo Tex
✓ 12996	"	♀	Apr. 12 "	Rio Grande " Cameron Co
✓ 12997	"	♂	Jan. 28 "	Laredo Tex
✓ 12998	"	♂	Apr 13 "	Rio Grande " Cameron Co
✓ 12999	"	♀	" 11 "	" "
✓ 13000	"	♀	" 14 "	" "
✓ 13001	"	♂	" 12 "	" "
✓ 13002	"	♀	" 18 "	" "

CONSIDERED TO BE

## Texas:

Collector Frank B. Armstrong

13003	<i>Molothrus fuscus</i>	♂ Dec. 13, 1885	Laredo Texas
13004	<i>Icterus auduboni</i>	♂ Apr. 14, 1886	Rio Grande Camaron Co
13005	"	♂ " 16 "	" " " "
13006	"	♂ " 15 "	" " " "
13007	"	♂ " 17 "	" " " "
13008	"	♂ Dec. 19, 1885	Laredo Texas
13009	" <i>bullocki</i>	♂ Apr. 17, 1886	Rio Grande Camaron Co
13010	" <i>bullocki</i>	♂ Jun. 12 "	Nueces River Tex
13011	"	♀ Apr. 27 "	Rio Grande Camaron Co
13012	<i>Sturnella magna</i>	♂ Mar. "	Laredo Texas
13013	"	♂ " "	" " " "
13014	" <i>neglecta</i>	♂ Jan. 5 "	" " " "
13015	<i>Quiscalus major</i>	♂ Nov. 22, 1885	" " " "
13016	"	♀ Dec. 15 "	" " " "
13017	<i>Xanthura texana</i>	♂ Apr. 13, 1886	Rio Grande Camaron Co.
13018	"	♂ " " "	" " " "
13019	"	♂ " " "	" " " "
13020	"	♂ " 15 "	" " " "
13021	"	♀ " 13 "	" " " "
13022	"	♀ Jan. 27 "	Laredo Texas
13023	<i>Colaptes mexicanus</i>	♀ Feb. 21 "	Nueces Riv.
13024	<i>Centurus aurifrons</i>	♂ Jan. 20 "	Laredo Tex
13025	"	♂ Dec. 14, 1885	" "
13026	"	♂ " 12 "	"
13027	"	♂ Nov. 11 "	" Sept in exch. to Seiler
13028	"	♂ Dec. 14 "	" Sent in exch. to Seiler
13029	"	♂ " 19 "	"
13030	"	♂ " 17 "	"
13031	"	♂ Jan. 5, 1886	"
13032	<i>Nyctidromus albicollis</i>	♂ " 23 "	"
13033	"	♀ " 27 "	"
13034	"	♂ Apr. 13, 1886	Rio Grande Camaron Co.
13035	"	♀ Feb. 18, 1886	Sulphur Texas
13036	"	♀ " 18 "	"
13037	<i>Scops asio mecalli</i>	♂ Jan. 27 "	Laredo "
13038	<i>Callipepla squamata castaneigasteris</i>	♀ Dec. 4, 1885	Laredo Tex
13039	"	♂ Nov. 7 "	"
13040	"	♀ " 10 "	"
13041	"	♂ Dec. 11 "	"
13042	"	♂ " 13 "	"
13043	"	♀ " 8 "	"
13044	"	♂ Nov. 4 "	"
13045	"	♂ Dec. 14 "	"
13046	"	♀ Nov. 9 "	"
13047	"	♀ Dec. 14 "	"
13048	"	♀ " 11 "	"
13049	"	♂ Nov. 10 "	"
13050	<i>Ortyx virginiana texana</i>	♂ Feb. 22, 1886	Nueces River
13051	"	♀ " 26 "	"
13052	"	♀ " 18 "	Sulphur

## Texas:

Collector Frank B. Armstrong

13053	<i>Ortyx virginiana texana</i>	♂ Nov. 27, 1885	Laredo Texas
13054	"	♂ " 12 "	" "
13055	"	♂ Dec. 4 "	" "
13056	"	♂ " 17 "	" "
13057	<i>Bartramia longicauda</i>	♂ Mar. 14, 1886	" " CORBIN EXCH. TO MUSEUM PAULISTA
13058	"	♂ Jan. 28 "	" " BENTON " EXCH. TO AC. REI. MUSEUM
13059	"	♀ " 26 "	" "
13060	"	♂ Nov. 14, 1885	" "
13061	"	♀ Jan. 28, 1886	" "
13062	"	♂ Mar. 16 "	" " Exch. to Durno. Page. ex.
13063	"	♂ " 15 "	" "
13064	"	♂ Jan. 27 "	" "
13065	<i>Sterna caudata aculeiflavis</i>	♂ Apr. 9 "	Camaron Co.
13066	" <i>antillarum</i>	♀ Jan. 8 "	Nueces Riv. "
13067	<i>Bubo virginianus</i>	♀ " 30 "	Laredo "
13068	<i>Buteo albicaudatus</i>	♀ Apr. 29 "	Camaron Co
13069	"	♂ Jan. 26 "	Laredo
13070	"	juv "	"
13071	" <i>lineatus</i>	♀ Mar. 4 "	Nueces Riv. <sup>Exch. to Seiler</sup> determined by Ridgway
13072	"	♂ Mar. 10 "	Nueces Riv
13073	"	♂ " 6 "	"
13074	" <i>bor. tridens</i>	♂ Apr. 17 "	Camaron Co determined by Ridgway
13075	<i>Polyborus cheriway</i>	♂ "	"
13076	<i>Phalaenoptilus nuttallii nuttallii</i>	Type	♂ Feb. 27, 1886 Nueces Riv. Texas
13077	"	♀ " " "	" " " "
13078	<i>Ammodramus maritimus</i>	♂ " 10 "	" " " "
13079	"	♀ " " "	" " " "

## Gaudaloupe Island Off Lone California: Collector H. E. Bryant

13080	<i>Regulus obscurus</i>	♂	2454
13081	<i>Sitta canadensis</i>	♂ Feb. 16, 1886	2501
13082	"	♀ Jan. 26 "	2428
13083	<i>Salpinctes gaudaloupiensis</i>	♂ " 14, 1885	1675
13084	"	♀ " 29, 1886	2446
13085	"	♀ " 14, 1885	1676
13086	<i>Carpodacus amplus</i>	♂ ad Mar. 4, 1886	2547
13087	"	♀ " 4 "	2552
13088	<i>Junco insularis</i>	♂ ad " "	2539
13089	"	♂ juv. " 16 "	2573
13090	<i>Pipilo consobrinus</i>	♂ " 12 "	2570
13091	<i>Colaptes rufipileus</i>	♂ ad Jan. 8 "	2406
13092	"	♀ " 23 "	2427



San Diego California Collector Chas. H. Marsh — Purchased

✓ 13093	<i>Passerculus rostratus</i>	♂	Nov. 11. 1886
✓ 13094	"	♀	" " "
✓ 13095	"	♂	" " "
✓ 13096	"	♂	" " "
✓ 13097	"	♀	" " "
✓ 13098	"	♂	" " "
✓ 13099	"	♂	" " "
✓ 13100	"	♂	" " "
✓ 13101	"	♂	" 19 "
✓ 13102	"	♂	" 11 "
✓ 13103	"	♀	" 19 "
✓ 13104	"	♀	" " "
✓ 13105	" <i>boldingi</i>	♀	" 11 "
✓ 13106	"	♂	" " "
✓ 13107	"	♂	" " "
✓ 13108	"	♂	" " "
✓ 13109	"	♂	" " "
✓ 13110	"	♂	" " "
✓ 13111	"	♂	" " "
✓ 13112	"	♀	" " "
✓ 13113	"	♂	" 19 "
✓ 13114	"	♂	" " "
✓ 13115	"	♂	" " "
✓ 13116	"	♂	" " "

Chester County Pennsylvania Collector W. B. H. Warren — Presented

✓ 13117	<i>Zenaidura macroura</i>	♂ ad.	Apr. 1. 1886	" R. M. along creek
✓ 13118	"	♂	" 3 "	West Chester
✓ 13119	"	♂	" 17 "	" "
✓ 13120	"	♂	" " "	" "
✓ 13121	"	♂	" " "	West Chester
✓ 13122	"	♂	" 20 "	" "
✓ 13123	"	♀ ad.	Mar. 20. "	" "
✓ 13124	"	♀	" 25 "	" "
✓ 13125	"	♀	Apr. 17 "	" "
✓ 13126	"	♀	" 20 "	" "
✓ 13127	"	♀	" 21 "	" "
✓ 13128	<i>Agelaius phoeniceus</i>	♂	" 15 "	" "

Tampa Florida Collector

✓ 13129	<i>Corvus carolinensis</i>	♂	Mar. 3. 1883
✓ 13130	"	♂	" " "
✓ 13131	"	♂	" " "
✓ 13132	"	♀	" 20 "
✓ 13133	"	♂	" " "
✓ 13134	"	♂	Apr. 3 "

Bought of James Southwick

Exch. to Hachisaka	
Exch. to Hal. Hist. Riksmuseum	
Exch. to Hachisaka	
Exch. to Pacific Mus. of Oso.	

Collector C. J. Maynard Purchased

✓ 13135	<i>Mimus polyglottus</i>	♀	Key West Fla. Jan. 12. 1884.
✓ 13136	<i>Cathartes aura</i>	♂	Rosewood Fla. Nov. 20. 1883
✓ 13137	<i>Dendroica hortlandi</i>	♀	Nassau Bahamas Mar. 1. 1884
✓ 13138	"	♂	" " " 22. "
✓ 13139	"	♀	" " " 17. "
✓ 13140	<i>Geothlypis trichas</i>	♂	" " " Feb. 21. "
✓ 13141	"	♀	" " " 27. "
✓ 13142	"	♂	" " " Mar. 6. "
✓ 13143	<i>Peucaea backhami</i>	♂	Rosewood Florida Nov. 18. 1883. Just finished moulting
✓ 13144	<i>Ammodramus nigrescens</i>	♀	Indian River " Mar. 27. 1886. (Bahama River)
✓ 13145	"	♂	" " " Apr. 5. "
✓ 13146	"	♂	" " " 16. "
✓ 13147	"	♂	" " " 15. " (Merritt Island)
✓ 13148	"	♂	" " " 20. " " "
✓ 13149	"	♂	" " " " " " "
✓ 13150	"	♀	" " " " " " "
✓ 13151	"	♂	" " " 25. " " "
✓ 13152	"	♀	" " " " " " "
✓ 13153	"	♂	" " " " " " "
✓ 13154	"	♂	" " " " " " "
✓ 13155	"	♂	" " " May 1. "
✓ 13156	"	♀	" " " " " " "
✓ 13157	"	♂	" " " 10. " (Merritt Island)
✓ 13158	"	♀	" " " 12. " " "
✓ 13159	"	♂	" " " " " " "
✓ 13160	"	♀	" " " " " " about to breed.
✓ 13161	<i>Pipilo alleni</i>	♂	Enterprise " " 19. "
✓ 13162	"	♀	" " " " " " "
✓ 13163	"	♂	Nassau Bahamas Jan. 27. 1884
✓ 13164	<i>Colinus ludovicianus</i>	♂	Rosewood Florida Nov. 22. 1883
✓ 13165	<i>Picus villosus auduboni</i>	♀	" " " 15. 1884
✓ 13166	" Maynardi	♂	Nassau Bahamas Feb. 4. 1884
✓ 13167	<i>Coccyzus carolinensis</i>	♂ ad.	Rosewood Florida Nov. 17. 1883. Culmen under part red
✓ 13168	"	♀	" " " 26. "
✓ 13169	"	♂ juv.	" " " 21. "
✓ 13170	<i>Coccyzus minor</i>	♀	Nassau Bahamas 1884
✓ 13171	<i>Hemantopus nigricollis</i>	♀	Indian River Fla. Mar. 24. 1886
✓ 13172	<i>Tyrannus carolinensis</i>	♂	" " " May 9. " (Merritt Island)
✓ 13173	<i>Myiarchus cinerascens</i>	♀	Nassau Bahamas Mar. 13. 1884
✓ 13174	<i>Chordeiles</i>	♀	Indian River Fla. Apr. 29. 1886
✓ 13175	"	♂	" " " May 8. " (Merritt Island)
✓ 13176	<i>Agelaius phoeniceus</i>	♂ juv.	Rosewood Fla. Nov. 22. 1883
✓ 13177	"	♂	Indian Riv. " Mar. 25. 1886. Congenial. R. color
✓ 13178	"	♀	" " " Feb. 22. "
✓ 13179	"	♂	" " " Mar. 7. "
✓ 13180	<i>Zenaidura macroura</i>	♂	" " " 13. "
✓ 13181	"	♂	" " " May 2. " (Merritt Island)
✓ 13182	"	♂	" " " Apr. 24. " " "
✓ 13183	"	♂	" " " " " " " " "

		Collector	C. J. Maynard		Purchased	
13184	<i>Scops asio floridana</i>	♂	Indian Riv. Fla.	Apr. 21, 1886.	(Monrovia Island)	
13185	"	♂ juv	"	"	"	
13186	<i>Micropterus himantopus</i>	♀	"	"	"	
13187	"	♀	"	"	"	
13188	"	♂	"	"	"	(Monrovia Island)
13189	<i>Tamias fuscicollis</i>	♂	"	May 11	"	Byrd's
13190	"	♂	"	"	"	"
13191	"	♂	"	"	"	"
13192	<i>Tringoides macularius</i>	♀	Halatona Mass.	" 25, 1878	Coll. Wm. Patton	
13193	"	♀	Indian Riv. Fla.	" 6, 1886	(Monrovia Island)	
13194	"	♀	"	Apr. 13	"	
13195	"	♂	"	May 6	"	"
13196	<i>Totanus flavipes</i>	♂	"	Mar. 24	"	
13197	<i>Tringa maculata</i>	♂	"	Apr. 3	"	
13198	<i>Symphium semipalmata</i>	♂	"	Mar. 25	"	
13199	<i>Macrorhamphus scolopaceus</i>	♂	"	Apr. 9	"	see Schlegel's
13200	"	♀	"	"	"	"
13201	"	♂	"	"	"	"
13202	"	♂	"	"	"	"
13203	<i>Rallus elegans</i>	♂	Indian Riv.	Mar. 26, 1886		
13204	" <i>virginianus</i>	♀	Indian Riv.	Apr. 10	Monrovia Island	
13205	"	♀	"	"	"	see Schlegel's
13206	<i>Porzana carolina</i>	♀	"	Mar. 21	"	
13207	"	♂	"	May 2	"	"
13208	<i>Ardeola exilis</i>	♂	"	Apr. 16	"	
13209	<i>Sterna anaetheta</i>	♀	Grassy Creek Bahamas	May 7, 1884		
13210	"	♂	"	"	"	
13211	<i>Anous stolidus</i>	♂	Washington Key	"	"	
13212	"	♀	"	"	"	
13213	<i>Puffinus obscurus</i>	♀	Green Key	Apr. 4	"	
13214	"	♂	"	"	"	
13215	<i>Buteo pennsylvanicus</i>	♂	Key West Fla.	Jan. 12	"	
13216	<i>Bonasa umbella</i>	♂	Meddham Mass.	July 7, 1885	Coll. F. B. Webster	
13217	<i>Himantopus nigricollis</i>	♂	Indian Riv. Fla.	Apr. 1, 1886	Dunsmuth	
13218	"	♂	"	" 21	"	
13219	<i>Ardeola exilis</i>	♂ chick	"	May 4	(Monrovia Island)	

# Sebastopol California

Collector F. H. Holmes Purchased of F. B. Webster

13220	<i>Tachycineta thalassina</i>	♂	Apr. 20, 1886		
13221	"	♂	May 26, 1885		
13222	"	♂	Apr. 20, 1886		
13223	<i>Helmintophila celata lutescens</i>	♂	" 28, 1885		
13224	<i>Parus inornatus</i>	♀	Nov. 13, "		
13225	"	♀	Mar. 25, 1886		
13226	"	♂	Apr. 1, 1885		
13227	"	♀	Nov. 27, 1884		
13228	<i>Spizella socialis arizonae</i>	♂	Apr. 15, 1885		
13229	<i>Cyanospiza amoena</i>	♂	July 10		

# Collector W. W. Worthington

13230	<i>Coccyzus americanus</i>	♀	Jun. 3, 1885	Pecorie N.Y.	
13231	<i>Progne subis</i>	♂	Aug. 11, 1886	Deep Hole "	
13232	<i>Chordeiles populi</i>	♂	"	"	
13233	<i>Sterna c. acceflavilla</i>	♀	Apr. 21	Bay Point S.C.	
13234	<i>Rhyacops nigrus</i>	♀	May 18	Station Creek S.C.	
13235	"	♀	" 25	"	
13236	<i>Picus villosus auduboni</i>	♂	Mar. 13, 1884	Chaplinville S.C.	
13237	<i>Nyctherodius violaceus</i>	♀	May 22, 1886	Frymore "	
13238	<i>Falco sparverius</i>	♂	Feb. 24	"	
13239	<i>Quiscalus major</i>	♂	Mar. 25	"	
13240	"	♂	" 12	"	
13241	<i>Puncica bachmani</i>	♀	" 4	"	
13242	"	♀	" 31	"	
13243	"	♂	Apr. 9	"	

# New Frymore, South Carolina

Collector Walter Howe

13244	<i>Mimus polyglottus</i>	♂	Mar. 24, 1886		1838
13245	"	♂	Apr. 3		1863
13246	<i>Carolinensis</i>	♀	Sep. 29	Frymore S.C.	Howe
13247	<i>Harpocynchus rufus</i>	♂ juv	Jul. 5	"	2037
13248	"	♀	Oct. 4	"	2170
13249	<i>Quiscalus major</i>	♂	Apr. 4		1842
13250	"	♂	" 17		1901
13251	"	♂	" 27		1933
13252	"	♂	" 24		1932
13253	"	♂	" 30		1947
13254	"	♀	"		1948
13255	"	♂	May 4		1961
13256	"	♂ juv	Oct. 6		2176
13257	<i>Numenius hudsonicus</i>	♂	May 5		1962
13258	<i>Limosa falcata</i>	♀	Aug. 24	Bay Point	2129
13259	<i>Symphium semipalmata</i>	♂	Apr. 21		1917
13260	<i>Rallus crepitans</i>	♀	June 6	St. Helena Island S.C.	2076
13261	"	♂	Sep. 28	Frymore	2153
13262	<i>Sterna antillarum</i>	♂	May 24	Ball's Point	2013
13263	"	♂	"	"	2014
13264	<i>anaetheta</i>	♀	Aug. 25, 1885	see Aug. vol. 3, page 131.	1622
13265	<i>Hydrochelidon surinamensis</i>	♀ juv	Aug. 31, 1886		2133

Miscellaneous — Purchased

13314	<i>Chen hyperboreus</i>	♀ ad.	Dec. 30. 1885	Kness County Texas.	Coll. D. H. Tallbot.	Oct. 28. 1885
13315	"	♂ juv	" " "	" " "	" " "	Oct. 28. 1885
13316	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13317	<i>Bubo vir subarcticus</i>	♂ ad.	Jan 9. 1886	" " "	" " "	Oct. 28. 1885
13318	<i>Podiceps holboellii</i>	♂ juv.	Nov. 15 "	Plymouth Mass.	Skinned & Sex. by Frayser.	Oct. 28. 1885
13319	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13320	<i>Parus atricapillus</i>	♀	June 17 "	Watertown "	Collector M. A. Frayser	Oct. 28. 1885
13321	<i>Hirundo horreorum</i>	♂	May 7 "	" " "	" " "	Oct. 28. 1885
13322	"	♀	" " "	" " "	" " "	Oct. 28. 1885
13323	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13324	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13325	"	♀	19 1885	Belmont "	" " "	Oct. 28. 1885
13326	<i>Icterus galbula</i>	♂	15 1886	" " "	" " "	Oct. 28. 1885
13327	"	♂	7 "	Watertown "	Collected by Frayser	Oct. 28. 1885
13328	"	♂	10 "	" " "	" " "	Oct. 28. 1885
13329	<i>Agelaius phoeniceus</i>	♂	7 "	" " "	" " "	Oct. 28. 1885
13330	<i>Passerculus princeps</i>	♂	Nov. 17 1884	Ipswich "	Collected by Frayser	Oct. 28. 1885
13331	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13332	<i>Quiscalus p. cinereus</i>		Apr. 27. 1886	Dumey "	" " "	Oct. 28. 1885
13333	"	"	May 5 "	Dumey "	" " "	Oct. 28. 1885
13334	"	"	" 5 "	Dumey "	" " "	Oct. 28. 1885
13335	"	"	Apr. 27 "	" " "	" " "	Oct. 28. 1885
13336	"	♂	20 1876	Watertown "	" " "	Oct. 28. 1885
13337	<i>Ceryle alcyon</i>	♂	May 16 1886	Massachusetts	Skinned & Sexed by M. A. Frayser	Oct. 28. 1885
13338	<i>Agelaius phoeniceus</i>	♂	" 13 "	Chatham Mass	" " "	Oct. 28. 1885
13339	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13340	"	♂	" " "	" " "	" " "	Oct. 28. 1885
13341	"	♀	" " "	" " "	" " "	Oct. 28. 1885
13342	"	♀	" " "	" " "	" " "	Oct. 28. 1885
13343	"	♀	" " "	" " "	" " "	Oct. 28. 1885
13344	<i>Totanus melanoleucus</i>	♂	10 "	" " "	" " "	Oct. 28. 1885
13345	<i>Phalaropus fulicarius</i>	♂	19 "	" " "	" " "	Oct. 28. 1885
13346	<i>Rallus elegans</i>	♂	Apr 1 "	Norfolk N. H.	" " "	Oct. 28. 1885
13347	<i>Limosa Hudsonica</i>	♂	Sep 1 "	Scarborough Me.	" " "	Oct. 28. 1885
13348	<i>Falco</i>	♀	Feb. 5 1886	Guapeyville Fla.	Collector J. C. Gabor	Oct. 28. 1885
13349	<i>Mormon arcticus</i>	♀	Jul 30 1884	Chick Lake White Labrador	M. A. Frayser	Oct. 28. 1885

Collector L.M. Turner. Received in exchange from National Museum

13350	<i>Agriothus Kornemannii</i>	♂ ad.	Nov. 15. 1882	White Fish Lake	436
13351	"	♂ "	" " "	"	93938 939
13352	"	♀ "	July 28. 1883	St. Chino	94033 1449
13353	" <i>linaria</i>	♂ "	Aug. 7. "	" "	100782 4158
13354	"	♀ "	Jun 18. 1884	" "	100775 5044
13355	"	♂ "	May 11. 1883	ONEKINE, CALIF. TO H. C. COALE	93404 1765
13356	" <i>exilipes</i>	♀ ad.	May 11 "	" "	93402 1764

Palmyra, North Carolina, Collectors H. H. & C. S. Brimley

		Sex	L.	W.	S.	Ex.	Stomach		
13357	<i>Colinus l. excubitoroides</i>	♂	Nov 26.	8 1/2	3 13/16	3 3/4	12 3/8	Empty	699
13358	<i>Eremophila alpestris</i>	♂	Nov. 7, 1886.	6 1/2	4 1/8	2 3/4	12 3/4	Small black seeds	706
13359	"	♀	" " "	6 3/8	4 1/2	2 1/2	12 3/8	" " "	707
13360	"	♀	" " "	6 3/8	4 1/8	2 5/8	12 3/8	" " "	710
13361	"	♀	" " "	6 7/8	4	2 1/4	12 3/8	" (3/8 3/8 5/8) "	716
13362	<i>Picus pubescens</i>	♂	Jan. 4, 1887.	6 3/8	3 3/8	2 1/2	11 1/2	Green Worm, small insects	748
13363	"	♂	Dec. 17, 1886.	6 1/2	3 3/8	2 3/8	11 1/2	Seeds.	734
13364	<i>Merops ptyglothis</i>	♀	Nov. 15 "	9 1/2	4 3/8	4 1/2	14 1/2	Berries	693
13365	"	♀	" 21 "	9 1/2	4 3/8	4 3/4	13 3/4	" "	698
13366	<i>Vireo sol. altiloba</i>	♀	Oct. 13 "	5 3/4	3	2 1/2	9 1/4	insects	673
13367	"	♂	Apr. 8, 1886			Length 3.25		insects	
13368	"	♂	Nov. 3, 1886	9 1/2	3 1/2	2 1/4	9 1/4	"	683
13369	" <i>solitarius</i>	♂	May. 5, 1885		Waterloo Mass.				
13370	"	♂	Oct. 14, 1886	5 1/2	2 3/4	2 1/2	8 1/2	"	674
13371	"	♂	" 15 "	5 1/2	2 1/2	1 1/2	9 1/2	insects & frost grapes	675
13372	<i>Spizella pusilla</i>	♂	Jan. 1, 1887.	5 1/2	2 1/2	2 1/2	7 1/2	Sand & small seeds	745
13373	"	♂	Dec. 1, 1886.	5 1/2	2 1/2	2 1/2	7 1/2	grass seeds	704
13374	<i>Guiraca caerulea</i>	♀	May 8 "	6 1/2	3 1/4	2 1/2			598
13375	<i>Piranga aestiva</i>	♂	Sep. 2 "	7	3 1/2	2 3/4			635
13376	"	♂	Apr. 30 "	6 7/8	3 1/2	3			590
13377	"	♂	Sep. 2 "	7 1/2	3 1/2	2 3/8			632
13378	<i>Arthus pusilliramus</i>	♂	Jan. 11, 1887	6 1/2	3 1/4	2 1/2	10 1/4	Cuckoo, grass hoppers & small Coleoptera	751
13379	"	♀	Dec. 14, 1886	6 1/8	3 1/4	2 3/8	10 1/4	insects	731
13380	<i>Melospiza palustris</i>	♂	" 20 "	5 1/2	2 1/4	2	7 1/2	Sand	737
13381	<i>Pooecetes gramineus</i>	♀	" 1 "	5 1/8	3	2 1/2	10 1/8	grass seeds	702
13382	"	♀	" 1 "	5 1/2	3	2 1/4	9 7/8	"	703
13383	<i>Thryothorus ludovicianus</i>	♀	" 17 "	5 1/2	2 3/2	1 7/8	7 1/2	insects	733
13384	"	♂	" 10 "	5 1/2	2 1/2	1 7/8	7 1/8	small seeds	717
13385	<i>Anorthura hyemalis</i>	♂	" " "	3 3/8	1 7/8	1 3/2	6 3/2	" insects	727
13386	<i>Sphyrapicus varius</i>	♀	Jan. 12, 1887.	8 1/2	5	3 1/2	14 1/2	Empty	753
13387	"	♂	" 11 "	8 1/2	4 1/2	3 1/2	14 3/4	seeds, after dinner	752
13388	<i>Dendroica blackburniana</i>	♂	Oct. 1, 1886	4 3/4	2 1/2	1 1/2	8 1/2	insects	666
13389	" <i>dominica</i>	♀	Aug. 24 "	5 1/4	2 3/8	2 1/2			627
13390	<i>Helminthophila chrysoparia</i>	♀	Aug. 26 "	4 3/4	2 1/2	1 3/2			629
13391	<i>Anorthura hyemalis</i>	♀	Nov. 19 "	3 1/4	1 3/4	1	5 3/4	insects	697
13392	<i>Regulus calendula</i>	♂	Jan. 14 "	4 1/2	2 1/2	1 3/4			547
13393	<i>Cathia americana</i>	♀	Oct. 12 "	5 1/8	2 1/2	2 3/8	7 1/4	"	671
13394	<i>Sitta canadensis</i>	♂	Sep. 13 "	4 3/4	2 3/8	1 7/2	8 1/4	"	650
13395	" <i>pusilla</i>	♂	" 22 "	4 1/4	2 1/2	1 1/4	8	"	654
13396	<i>Philohela minor</i>	♀	Feb. 20 "	11 1/2	5 1/2	2 3/4		(3 1/2 6 1/2 11 1/2)	565
13397	"	♀	" 15 "	11 3/8	5 3/8	2 3/4			566
13398	"	♀	Mar. 4 "	11 1/2	5 3/8	2 3/8			569
13399	"	♂	Feb. 16 "	10 1/2	5	2 1/2	apexed		557
13400	"	♂	" " "	10 1/2	5	2 1/2			558
13401	<i>Falco columbarius</i>	♀	Oct. 1 "	12	8 1/4	5 1/2	23 3/4	empty	665
13402	<i>Ceryle alcyon</i>	♂	Apr. 2 "	5 1/2	2 3/8	2			545
13403	"	♂	Sep. 22 "	12 3/8	6 1/4	4	2 1/2	small fish	660
13404	<i>Sturnella magna</i>	♂	Nov. 15 "	10	4 1/2	3	15 1/2	insects	695
13405	<i>Autostormus chrolomwisi</i>	♂	Oct. 10, 1885	10	4 1/2	3	2 1/2		696
13406	<i>Oxyx virginiana</i>	♂	Nov. 29, 1886	9 1/4	4 1/4	2 1/4	14 1/2	Blue-eyed Copepod	701
13407	"	♂	" " "	9 3/8	4 1/4	2 1/4	14 1/4	"	700

Miscellaneous Collectors and Localities

13408	<i>Anthus pusilliramus</i>	♂	Dec. 30, 1884.	Lone Collector C. H. Marsh	3280
13409	"	♂	" " "	" " "	3282
13410	<i>Sialia mexicana</i>	♂	Mar. 18 "	Silver City N.M.	1483
13411	"	♂	Dec. 20, 1885.	" " "	1269
13412	"	♂	" 31 "	" " "	1220
13413	<i>Colinus lecontei</i>	♂	Jan. 14, 1882	Chick C. H. coll. Linnett M. Loomis	257
13414	"	♀	Dec. 20, 1881	" " "	237
13415	"	♀	Jan. 21, 1882	" " "	257
13416	"	♂	Dec. 31, 1881	" " "	246
13417	<i>Zonotrichia querula</i>	♀	Oct. 10, 1885	Fort Custer, Mont. Capt. Chas. Bendire U.S.A.	57
13418	<i>Plectrophanes macrurus</i>	♂	Sep. 14 "	" " "	"
13419	"	♂	" " "	" " "	"
13420	"	♂	Oct. 5 "	" " "	549
13421	<i>Picus harrisi</i>	♀	" 8 "	" " "	854
13422	<i>Chondestes grammacus</i>	♂	May. 15, 1885	Lake View Minn. Foster H. Brackett	391
13423	"	♀	Aug. 15, 1886	Council Grove Kans	
13424	"	♀	" 1 "	" " "	"
13425	<i>Euphiza americana</i>	♂	" 13 "	" " "	"
13426	"	♂	" 10 "	" " "	"
13427	"	♂	" " "	" " "	"
13428	"	♀	" 14 "	" " "	"
13429	<i>Piranga rubra</i>	♂	" 12 "	" " "	"
13430	"	♂	" 5 "	" " "	"
13431	<i>Centurus carolinus</i>	♂	" 4 "	" " "	"
13432	<i>Loxia curv. mexicana</i>	♂	Nov. 16, 1885	Lawrence - Kans. L. L. Dyke	520
13433	"	♀	" 23 "	" " "	516
13434	<i>Zonotrichia leucophrys</i>	♂	May. 14, 1886	Pittsburg N.Y.	991
13435	"	♂	" 12 "	" " "	986
13436	<i>Sturnella magna</i>	♀	July 2 "	" " "	1309
13437	"	♀	" " "	" " "	1308
13438	<i>Vireo solitarius</i>		Jul. 5, 1879	Warner N. H. H. C. Harriman	
13439	<i>Turdus swainsoni</i>	♂	May 24, 1882	Bilbont Mass	402
13440	" <i>aliciae</i>	♀	" 28, 1883	Lake View Minn Foster H. Brackett	430
13441	<i>Trochilus alexandri</i>	♂	Jul. 20, 1884	Catalina Ill	582
13442	"	♂	" " "	" " "	583
13443	<i>Trochilus</i>	♂	Aug. 10 "	" " "	713
13444	"	♀	Jul. 14 "	" " "	539
13445	"	♀	" 17 "	" " "	556
13446	<i>Melanerpes formicivorus</i>	♂	Jan. 14, 1885	Marysville, Cal.	
13447	<i>Coccyzus minor</i>	♂	May "	10,000 Islands Fla. C. K. Worthen	
13448	<i>Gymnocitta cyanocephala</i>	♂	"	discovered	10166
13449	<i>Eremophila alpestris</i>	♀	"	"	1082
13450	<i>Upholocoma woodhousei</i>	♂	Dec. 25, 1885	Sebastopol Cal.	
13451	<i>Coccyzus americanus</i>	♀	Aug. 5, 1886	Council Grove, Kans	
13452	<i>Centurus carolinus</i>	♀	Dec. 1, 1884	Pallas Texas	
13453	<i>Myiadestes townsendi</i>	♂	Nov. 14, 1885	Las Terras de Santa Catalina San Pedro Slope, Pinal California	W. E. D. Scott 1882
13454	<i>Quiscalus cinereus</i>	♂	Jun. 1 "	Childings Texas	2784
13455	<i>Sturnella magna</i>	♂	Mar. 29 "	Lexington Mass	263
13456	"	♂	Nov. 4 "	East County Ind.	
13457	<i>Molothrus pecorus</i>	♂	Apr. 22, 1880	Wattham Mass	258

# Miscellaneous Collectors and Localities

13458	<i>Progne subis</i>	♂	Mar. 22, 1884	Harlingen Co. Tex.	Charl. H. Harker	J. B. Wilson
13459	<i>Chaetura pelagica</i>					J. B. Wilson
13460	<i>Nachysetta bicolor</i>	♀	Jul. 3, 1888	Taco	Joseph L. Goodale	
13461	<i>Nico noveboracensis</i>	♂	Mar. 9, 1886	Giddings Tex		
13462	<i>Dendroica coronata</i>	♂	Sep. 23, 1884	Highlands N.C.	Coll. E. L. Boylston	
13463	<i>Turdus migratoria</i>	♀	May 4, 1886			
13464	" <i>fallax</i>		Feb. "	"	"	"
13465	<i>Dendroica blackburniae</i>	♂	Apr. 24, "	"	"	"
13466	<i>Spizella socialis</i>		"	"	"	"
13467	<i>Junco h. carolinensis</i>	♂	"	"	"	"
13468	<i>Pipilo erythrophthalmus</i>		"	"	"	"
13469	<i>Colaptes auratus</i>		May 12, "	"	"	"
13470	<i>Sphyrapicus varius</i>	♀	Mar. 27, "	"	"	"
13471	<i>Siala mexicana</i>	♂	Feb. 23, "	San Antonio Co. Cal.	J. R. B. Harker	Coll.
13472	"	♂	Jan. 1, 1885	San Antonio "	Clark S. Greator	
13473	<i>Chordeiles "henryi"</i>	♂	Jun. 9, 1886	Cook County Tex	Geo. H. Ragsdale	
13474	"	♀	"	"	"	"
13475	"	♀	3, 1880	"	"	"
13476	"	♀	Jul. 21, 1886	Cook County Tex	"	"
13477	"	♀	"	"	"	"
13478	"		"	"	"	"
13479	<i>Antrostomus carolinensis</i>	♀	Mar. 27, 1885	Jefferson "	"	C. J. Maynard
13480	<i>Lagopus "milsoni"</i>	♀	Apr. 28, 1886	Amstater Islands Trin.		
13481	<i>Stelcorarius parasiticus</i>	♀	ad. Sep. 30, 1885	Cape Cod Mass	Coll. John C. Caborn	
13482	"	♀	juv. " 29 "	"	"	"
13483	"	♂	ad. " 30 "	"	"	"
13484	"	♀	juv. " 29 "	"	"	"
13485	"	♂	ad. " 26 "	"	"	"
13486	"	♂	juv. " 30 "	"	"	"
13487	"	♂	"	"	"	"
13488	"	♂	"	"	"	"
13489	<i>Actua atricapillus</i>	♀	juv. Apr. 6 "	Taunton "		
13490	<i>Alea torida</i>	♂	juv.	Eastport Maine	Shinned & Sealed by Fragar	
13491	"	♂	"	"	"	"
13492	"	♀	ad.	"	"	"
13493	"	♂	ad.	"	"	"
13494	"	♂	"	"	"	"
13495	"	♀	"	"	"	"
13496	<i>Sterna caspia</i>	♂	ad. Jun. 10, 1886	Nauces Riv. Texas	Coll. F. B. Armstrong	
13497	<i>Ardea herodias</i>	♂	juv. May 1885	Key E. Gulf of Mexico	Florida	C. R. Mott
13498	"	♀	"	"	"	"
13499	<i>Salicor. mex. polygynus</i>	♂	juv. May 3, "	"	"	"
13500	<i>Sterna ludsonica</i>	♂	Nov. 1884	St. John's	Nor. Brunswick	Coll. J. L. Camille
13501	"	♂	Jun. 28 "	Cape Whittle	Labrador	"
13502	<i>Heterosium "minutus"</i>	♀	"	"	"	"
13503	"	♂	Dec. 24, 1885	San Antonio Co. Texas	"	"
13504	<i>Spalula chrysola</i>	♂	juv. Dec. 20, 1886	"	"	"
13505	<i>Sphecopterus viridescens</i>	♂	May 11, "	"	"	"
13506	"	♂	"	"	"	"
13507	"	♂	"	"	"	"

## Collector E. A. Bangs (Shinned and Sealed by M. A. Fraser)

13508	<i>Puffinus tenuirostris</i>	♂	ad. Sep. 16, 1886	Belmore Point	Judith and Brendons Reef	
13509	"	♀	"	"	"	
13510	"	♀	"	"	"	
13511	"	♀	"	"	"	
13512	"	♀	Sep. 24, "	"	"	
13513	"	♀	"	"	"	
13514	"	♀	"	"	"	
13515	"	♀	"	"	"	
13516	"	♀	"	"	"	
13517	"	♀	"	"	"	
13518	"	♀	"	"	"	
13519	"	♀	"	"	"	
13520	"	♀	"	"	"	

## Miscellaneous

13521	<i>Mergus serrator</i>	♂	ad. May 27, 1884	Bechonia	Labrador	Coll. M. A. Fraser
13522	<i>Apeltes americanus</i>	♂	Jan. 15, 1886	"	"	"
13523	<i>Nico noveboracensis</i>	♂	Mar. 17, 1885	Jefferson Co.	"	"
13524	"	♀	"	"	"	"
13525	" <i>crassirostris</i>	♂	Feb. 2, 1884	Nassau	Bahamas	"
13526	"	♀	Jan. 26, "	"	"	"
13527	<i>Symphoricarpha semipalmata</i>	♂	May 8, "	Northampton Co.	Virginia	from J. M. Southwick
13528	"	♀	ad. " 5, 1885	"	"	"
13529	"	♂	" 14, 1886	Laramie Co.	Colorado	"
13530	"	♀	" 5, 1885	"	"	"
13531	"	♀	juv. Jan. 11, 1882	San Rafael	California	"
13532	<i>Colaptes mexicanus</i>	♂	ad. Apr. 9, 1886	Laramie Co.	Colorado	"
13533	<i>Scops asio maculatus</i>	♂	May 27, "	"	"	"
13534	"	♀	"	"	"	"
13535	<i>Buteo swainsoni</i>	♂	Sep. 15, "	Gouldsboro	Maine	Coll. E. A. Bangs
13536	<i>Platyrhinus archingus</i>	- juv.	1886	"	"	"
13537	<i>Tomaterus spilabilis</i>	♂	Nov "	"	"	"
13538	<i>Ardea herodias</i>	♂	Apr. 25, "	Grand Bay	Florida	Coll. E. A. Bangs
13539	<i>Pseudophaps californicus</i>	♂	juv.	El. Casca	California	"
13540	<i>Bernicla hutchinsoni</i>	♂	Dec. 28, 1885	Nauces Co.	Texas	"
13541	<i>Corvus caninus</i>	♀	juv. Sep. 3, 1884	Bechonia	Labrador	"
13542	<i>Larus marinus</i>	♀	ad. Jul. 2, "	Cape Whittle	"	"
13543	"	♀	" 31, "	"	"	"
13544	<i>Aquila canadensis</i>	♀	Nov. 23, "	"	"	"
13545	<i>Ardea herodias</i>	♂	juv. Dec. 20, 1886	Myrtle Pond	Virginia	from J. B. Mott
13546	<i>Larus argentatus</i>	♂	Sep. 11, 1889	Key Beach	Nor. Hampshire	Coll. M. A. Fraser

# Miscellaneous

13557	<i>Ardea herodias</i>	♂ ad. Nov. 1880	W. H. Woodworth, Maine	DOUGLAS EX. L. 1880	Henry H. Spelman
13558	<i>Peromyscus hudsonicus</i> ?	♀	Worcester, Mass.		W. H. Woodworth
13559	<i>Corvus caninus</i>	♂ ad. Feb. 4, 1885	Delaware, Maine	"	"
13560	<i>Centrocercus urophasianus</i>	♂ ad. Mar. 7, 1885	Fort Carter, Montana	W. H. Woodworth	"
13561	"	♀	"	"	"
13562	<i>Sylvia pusilla</i>	♀	Dec. 1, 1882	Bering Island	L. H. Hager
13563	"	♀	Jan. 2, 1883	"	"
13564	<i>Larus kumlieni</i>	Winter 1884-5	St. John, New Brunswick	"	J. H. Gurnell
13565	"	"	"	"	"
13566	<i>Melanerpes formicivorus</i>	♂ ad. Nov. 3, 1883	Silver City, New Mexico	"	C. H. Marsh
13567	<i>Corvus americanus</i>	♀	Dec. 3, 1883	San Jose, New Mexico	"
13568	<i>Streptopelia parvulus</i>	♂ juv. Sep. 19, 1884	Chatham, Mass.	"	Forster H. Brachet
13569	<i>Mormon arcticus</i>	♂ ad. Jan. 26, 1885	Malheur Island, Maine	in flesh from E. S. Bunker	"
13570	<i>Falco gyrfalco obsoletus</i>	♂ ad. 1881	Store, Mass.	Bought of C. S. Goodale	"
13571	<i>Buteo virginianus</i>	♀ Oct. 3, 1884	Auburn, Mass.	Wounded by C. H. Fortush	DISCARDED
13572	<i>Sturnella magna</i>	♀ Oct. 22, 1883	Paston, Worcester Co., Mass.	Taken by R. Murphy	"
13573	<i>Mareca americana</i>	♂ Jan. 12, 1886	Cape Cod [Chatham] Mass.	Shot by John C. Cahoon	"
13574	<i>Actopistes migratoria</i>	♂ Oct. 3, 1886	Worcester, Mass.	Wounded by C. H. Fortush	"
13575	<i>Sterna caritacea aculeifera</i>	♂ ad. Apr. 14, 1884	Bay Point, South Carolina	Col. W. H. Worthington	683
13576	<i>Falco gyrfalco obsoletus</i>	♀ Nov. 26, 1886	Spring Head, Maine	In flesh (very fresh) from F. B. Webster	"
13577	<i>Strix nebulosa alleni</i>	♂ Jan. 16, 1887	Charleston, South Carolina	Hot Carr Point	"
13578	<i>Strix nebulosa</i>	♀ Sep. 27, 1886	Lake Umbagog, Maine	In flesh from Paul Hayward	"
13579	<i>Urocyon americanus</i>	♂ Sep. 27, 1886	"	"	"
13580	<i>Mormon arcticus</i>	♂ Dec. 24, 1886	Eastport, Maine	"	"
13581	<i>Alca tarda</i>	♂	"	"	"
13582	<i>Larus borealis</i>	♂	"	"	"
13583	"	♂	"	"	"
13584	<i>Melanerpes formicivorus</i>	♂ ad. Dec. 1, 1882	Bering Island	"	L. H. Hager
13585	<i>Sylvia pusilla</i>	♀	Jan. 2, 1883	"	"
13586	<i>Larus kumlieni</i>	Winter 1884-5	St. John, New Brunswick	"	J. H. Gurnell
13587	<i>Centrocercus urophasianus</i>	♂ ad. Mar. 7, 1885	Fort Carter, Montana	W. H. Woodworth	"
13588	"	♀	"	"	"
13589	"	♀	"	"	"
13590	"	♀	"	"	"
13591	"	♀	"	"	"
13592	"	♀	"	"	"
13593	"	♀	"	"	"
13594	"	♀	"	"	"
13595	"	♀	"	"	"
13596	"	♀	"	"	"
13597	"	♀	"	"	"
13598	"	♀	"	"	"
13599	"	♀	"	"	"
13600	"	♀	"	"	"
13601	"	♀	"	"	"
13602	"	♀	"	"	"
13603	"	♀	"	"	"
13604	"	♀	"	"	"
13605	"	♀	"	"	"
13606	"	♀	"	"	"
13607	"	♀	"	"	"
13608	"	♀	"	"	"
13609	"	♀	"	"	"
13610	"	♀	"	"	"
13611	"	♀	"	"	"
13612	"	♀	"	"	"
13613	"	♀	"	"	"
13614	"	♀	"	"	"
13615	"	♀	"	"	"
13616	"	♀	"	"	"
13617	"	♀	"	"	"
13618	"	♀	"	"	"
13619	"	♀	"	"	"
13620	"	♀	"	"	"
13621	"	♀	"	"	"
13622	"	♀	"	"	"
13623	"	♀	"	"	"
13624	"	♀	"	"	"
13625	"	♀	"	"	"
13626	"	♀	"	"	"
13627	"	♀	"	"	"
13628	"	♀	"	"	"
13629	"	♀	"	"	"
13630	"	♀	"	"	"
13631	"	♀	"	"	"
13632	"	♀	"	"	"
13633	"	♀	"	"	"

# Shelter Island, New York.

# Collector W. H. Worthington.

13585	<i>Turdus mustelinus</i>	♂	May 9, 1887		
13586	"	♂	"		
13587	"	♂	"		
13588	"	♂	"		
13589	"	♂	"		
13590	"	♂	"		
13591	"	♂	"		
13592	"	♂	"		
13593	"	♂	"		
13594	<i>Ceryle alcyon</i>	♂	May 19, 1887		
13595	<i>Coturniculus passerinus</i>	♂	June 28, "		
13596	"	♂	"		
13597	<i>Dendroica discolor</i>	♂	May 11, "		
13598	"	♂	"		
13599	"	♂	"		
13600	"	♂	"		
13601	"	♂	"		
13602	"	♂	"		
13603	"	♂	"		
13604	"	♂	"		
13605	"	♂	"		
13606	"	♂	"		
13607	"	♂	"		
13608	"	♂	"		
13609	"	♂	"		
13610	"	♂	"		
13611	"	♂	"		
13612	"	♂	"		
13613	"	♂	"		
13614	"	♂	"		
13615	"	♂	"		
13616	"	♂	"		
13617	"	♂	"		
13618	"	♂	"		
13619	"	♂	"		
13620	"	♂	"		
13621	"	♂	"		
13622	"	♂	"		
13623	"	♂	"		
13624	"	♂	"		
13625	"	♂	"		
13626	"	♂	"		
13627	"	♂	"		
13628	"	♂	"		
13629	"	♂	"		
13630	"	♂	"		
13631	"	♂	"		
13632	"	♂	"		
13633	"	♂	"		

seen to fly from ground to small tree. Kites large, seen small.

W. H. BAHRMANN



Shelter Island, New York. Collector W. W. Worthington.

13634	<i>Lachycineta bicolor</i>	July 7	1887	
13635	"	April 27	"	
13636	"	"	"	
13637	<i>Prochelidon lunifrons</i>	June 11	"	
13638	<i>Hirundo horreorum</i>	April 26	"	
13639	"	"	"	
13640	"	July 21	"	
13641	"	July 7	"	
13642	"	June 27	"	
13643	"	" 28	"	
13644	"	"	"	
13645	"	" 16	"	
13646	"	" 25	"	
13647	"	" 28	"	
13648	<i>Myiarchus crinitus</i>	May 18	"	
13649	"	" 19	"	
13650	"	" 14	"	
13651	"	" 17	"	
13652	"	"	"	
13653	"	" 20	"	
13654	"	" 17	"	
13655	"	" 21	"	
13656	"	" 20	"	
13657	"	" 16	"	
13658	<i>Icterus spurius</i>	young July 12	"	
13659	<i>Icterus baltimore</i>	May 19	"	
13660	"	" 18	"	
13661	"	" 9	"	
13662	"	" 19	"	
13663	"	" 17	"	
13664	"	" 19	"	
13665	"	" 16	"	
13666	"	"	"	
13667	"	" 14	"	
13668	"	" 19	"	
13669	<i>Quiscalus purpureus</i>	April 20	"	
13670	"	" 29	"	
13671	"	Nov. 30	1886	
13672	"	" 30	"	A. P. Morse
13673	"	"	"	
13674	"	Dec. 1	"	
13675	"	April 11	1887	
13676	"	" 18	"	Allen Bristle
13677	"	Nov. 30	1886	Exch. to Heningrad
13678	"	April 25	1887	A. P. Morse
13679	"	" 20	"	
13680	"	" 27	"	
13681	"	" 11	"	

Shelter Island, New York. Collector W. W. Worthington.

13682	<i>Quiscalus purpureus</i>	April 25	1887	
13683	"	" 9	"	
13684	"	" 6	"	
13685	"	" 25	"	
13686	"	May 4	"	
13687	"	April 6	"	
13688	"	" 12	"	
13689	"	" 9	"	
13690	"	" 25	"	
13691	"	Nov. 30	1886	
13692	"	"	"	
13693	"	"	"	
13694	<i>Icterus baltimore</i>	May 19	1887	
13695	<i>Coccyzus americanus</i>	" 20	"	" WORK IN BATH. 20
13696	"	June 16	"	
13697	<i>Sturnella magna</i>	April 29	"	
13698	"	" 4	"	
13699	"	" 11	"	
✓ 13700	"	March 24	"	" B. P. EAST
13701	"	" 12	"	
13702	"	May 6	"	
13703	"	March 31	"	
13704	"	April 29	"	
13705	"	" 25	"	
[ 13706	<i>Symphegna semipalmata</i>	" 27	1886	Station Creek S. C.
13707	<i>Chilothela minor</i>	" 29	1887	
13708	"	" 20	"	
13709	<i>Numenius hudsonicus</i>	May 9	"	
13710	"	"	"	

Franktown, Nevada. Collector S. W. Denton. Purchased.

13711	<i>Aphelocoma californica</i>	May 19	1887	Stomach filled with wheat & grass.
13712	<i>Cyanocitta s. frontalis</i>	jur. June 6	"	
13713	"	" 10	"	
[ 13714	<i>Melanerpes erythrocephalus</i>	jur. Sep. 16	1886	[Wellesley Mass. Coll. T. Fitzguald sh. S. W. Denton]
13715	<i>Agelaius phoeniceus</i>	April 25	1887	
13716	<i>Spizopithecus ruber</i>	July 1	"	
13717	<i>Phalaenoptilus nuttalli</i>	"	"	
13718	"	May 11	"	
13719	<i>Chondestes v. henryi</i>	June 13	"	Coll. Pete Crow sh. S. W. Denton.
13720	"	" 16	"	
13721	<i>Trochilus calliope</i>	" 2	"	A man caught this bird in his hat.
13722	<i>Dendroica a. morcomi</i>	May 13	"	
13723	"	June 2	"	
13724	<i>Thinga minutilla</i>	May 3	"	
13725	"	"	"	
13726	<i>Otocoris a. rubra</i>	April 20	"	

Franktown, Nevada. Collector, S. W. Denton. Purchased

13727	<i>Otocoris a. rubea</i>	↑	May	31	1887	
13728	<i>Passerella i. megarhyncha</i>	↑	July	1	"	Set eggs of this bird, they are no. 74
13729		↑	June	13	"	
13730	<i>Astilis macularia</i>	↑	May	14	"	
13731		↑	"	23	"	Little Valley near Franktown
13732	<i>Cinclus mexicanus</i>	↑	"	22	"	Small insects & fine gravel in stomach
13733		↑	April	"	"	Ovaries well developed, water insects
13734	<i>Anas boschas</i>	↓	June	4	"	
13735	<i>Phalaropus tricolor</i>	↓	May	14	"	
13736		↓	June	7	"	
13737		↓	May	13	"	
13738	<i>Colaptes cyanocephalus</i>	↑	April	29	"	
13739		↑	"	20	"	
13740	<i>Pantherocephalus pantherocephalus</i>	↑	May	14	"	
13741	"	↑	April	15	"	
13742	"	↑	March	20	"	Grains of fine sand in stomach
13743	"	↑	May	14	"	
13744	"	↑	"	"	"	
13745	<i>Ardea virescens</i>	↑	"	13	"	
13746	<i>Colymbus n. californicus</i>	↑	June	15	"	Eyes all red except a tiny black (center)

Near Charleston, South Carolina. Collector, Arthur S. Wayne.

13747	<i>Picus v. auduboni</i>	↑	March	10	1887	1673
13748		↑	Jan'y.	22	"	1620
13749	<i>Junco hiemalis</i>	↑	"	11	"	1609
13750	<i>Ammodramus caudatus</i>	↑	Oct.	19	1886 Sullivan's Is.	1558
13751	"	↑	"	"	"	1558
13752	"	↑	"	"	"	1558
13753	"	↑	"	"	"	1554
13754	"	↑	"	"	"	1550
13755	<i>Cyanospiza ciris</i>	↑	May	12	"	1356
13756	<i>Amphispiza varius</i>	↑	Jan'y.	11	1887	1611
13757	"	↑	Mar.	7	" Mt Pleasant	1667
13758	<i>Picus borealis</i>	↑	"	14	"	1676
13759	<i>Colaptes ferrugineus</i>	↑	Jan'y.	20	"	1676
13760	<i>Loric americana</i>	↑	Feb'y.	7	" McPhersonville	1650
13761	"	↑	April	2	"	1695
13762	"	↑	Feb'y.	7	"	1649
13763	"	↑	"	"	"	1647
13764	"	↑	April	4	"	1705
13765	"	↑	Feb'y.	7	"	1648
13766	"	↑	April	1	"	1685
13767	"	↑	Feb'y.	7	"	1651
13768	"	↑	"	"	"	1639
13769	"	↑	"	12	"	1668
13770	"	↑	"	7	"	1641

Near Charleston, South Carolina. Collector, A. S. Wayne.

13771	<i>Citta carolinensis</i>	↑	Feb'y.	28	1887	1665
13772	"	↑	Mar.	14	"	1675
13773	"	↑	"	"	"	1674
13774	<i>pusilla</i>	↑	Jan'y.	20	"	1618
13775	<i>Certhia americana</i>	↑	"	11	"	1610
13776	<i>Troglodytes aedon</i>	↑	Feb'y.	28	"	1664
13777	<i>Geothlypis stellaris</i>	↑	Jan'y.	22	"	1619
13778	<i>Helminthophila celata</i>	↑	Dec.	26	1886 Hob-caw Point	1602
13779	"	↑	"	25	"	1600
13780	"	↑	"	7	" Six Mile Horse	1587
13781	"	↑	"	25	" Hob-caw Point	1599
13782	<i>Helminthosus vermivorus</i>	↑	Aug.	"	"	1528
13783	<i>Dendroica fr. hypochrysea</i>	↑	Mar.	7	1887 Mt Pleasant	1669
13784	"	↑	Oct.	19	1886 Sullivan's Isld.	1552
13785	"	↑	"	26	"	1563
13786	"	↑	Nov.	2	"	1565
13787	"	↑	Mar.	20	1887 Mt Pleasant	1677
13788	<i>Sturnus noveboracensis</i>	↑	Jan'y.	"	"	1614
13789	<i>Geothlypis trichas</i>	↑	Dec.	17	1886	1597
13790	<i>Vireo solitarius</i>	↑	Mar.	30	1887 McPhersonville	1679
13791	<i>noveboracensis</i>	↑	Jan'y.	7	"	1607
13792	<i>Pelidna a. pacifica</i>	↑	Oct.	2	1886 Sullivan's Isld.	1542
13793	<i>Philohela minor</i>	↑	Jan'y.	25	1887	1629
13794	"	↑	"	20	"	1615

Raleigh, North Carolina. Collectors H. H. & C. S. Brimley.

13795	<i>Antitrochus vociferus</i>	♀	L. 9 3/4	6. 1 1/2	May 18	1887	Mass of small insects.	968
13796	"	♀	4	"	"	"	"	970
13797	"	♀	9 3/4	11 3/4	"	27	" Mass of unidentified insects	983
13798	<i>Myiodynastes a. bicknelli</i>	♀	7	11 1/2	"	5	" Insects and larva of same	988
13799	<i>Troglodytes aedon</i>	♀	4 3/4	8 3/4	April 19	"	" Small cecropia & insect eggs	893
13800	<i>Antitrochus vociferus</i>	♀	10 1/4	19	"	22	" Primarily, cecropia	907
13801	"	♀	9 3/4	18 1/4	May 5	"	" Mass of small insects	950
13802	"	♀	10 3/4	19 1/2	"	6	" Cecropia, chiefly cecropia (Phyllophaga)	957
13803	<i>Vireo solitarius</i>	♀	5 3/4	9 1/4	Mar. 23	"	" Worms and insects	840
13804	"	♀	5 1/2	9	"	26	" Insects	837
13805	<i>s. alticola</i>	♀	5 3/4	9 1/4	April 6	"	" Insects and eggs of insects	860
13806	<i>solitarius</i>	♀	5 3/4	9 3/4	"	12	" Insects	878
13807	<i>Sturnus ludovicianus</i>	♀	5 3/4	9 3/4	June 15	"	" Cecropia larva (agronidae)	999
13808	"	♀	6 1/4	10 1/4	"	"	"	997
13809	<i>Quiscalus purpureus</i>	♀	12 1/4	17	"	19	" Cecropia	783
13810	<i>Cops aslo</i>	♀	9	22 3/4	"	26	" Insects	792
13811	<i>Sturnus ludovicianus</i>	♀	5 3/4	10 1/4	April 7	"	" Small cecropia	849
13812	"	♀	6 3/4	10 1/4	"	5	" Insect remains	858
13813	"	♀	6 3/4	10	"	6	" Cecropia	861
13814	"	♀	6 1/4	9 3/4	"	8	"	867
13815	<i>Vireo flavifrons</i>	♀	6 1/4	9 3/4	"	12	"	876

Raleigh, North Carolina. Collectors H. H. & C. S. Brimley.

No.	Species	Sex	Date	Year	Measurements	Weight	Remarks
13816	Vireo flavifrons.	♂	April 26	1887	5 1/2 9 1/2	914	Small insect.
13817	" s. albicollis	♂	" 29	"	5 1/2 9 1/2	927	Green worms
13818	Centurus carolinus	♂	July 15	"	9 1/2 16 1/2	1020	Blackberries
13819	Ammodramus vociferus	♂	Sept. 3	"	9 1/2 18 1/2	1085	Small insects.
13820	Turdus a. bicknelli.	♂	" 24	"	7 1/2 11 1/2	1124	Strat grapes
13821	Picus v. auduboni	♂	Oct. 7	"	8 1/2 14 1/2	1145	Green worms.
13822	Dendroica caerulea	♂	Sept. 16	"	5 1/2 7 1/2	1114	Insects.
13823	Spizella socialis	♂	June 17	"	5 1/2 8 1/2	1008	Small grasshoppers.
13824	Scops asio	♂	Feb. 15	"	8 1/2 21 1/2	760	One medium sized bird.
13825	Syrnium nebulosum.	♂	" 7	"	18 1/2 43	769	Grasshops.
13826	"	♂	" 15	"	20 1/2 47 1/2	752	Empty.
13827	Eurostodites hiemalis	♂	Jan. 31	"	9 1/2 6 1/2	765	Insects.
13828	Polioptila georgiana	♂	" 28	"	5 1/2 7 1/2	763	Small seeds
13829	Geothlypis americana	♂	Feb. 1	"	5 1/2 7 1/2	766	Insects
13830	Spizella socialis.	♂	June 14	"	5 1/2 8 1/2	1007	"
13831	Callis elegans. chick.	♂	Feb. 22	"	5 1/2	1013	Grasshops scaps
13832	"	♂	" 27	"	12 1/2 13 1/2	1014	3 Chauliops.
13833	"	♂	" 27	"	16 1/2 22 1/2	1015	Empty.
13834	"	♂	July 12	"	15 1/2 20 1/2	1021	Chauliops.
13835	Phylloscopus minor	♂	" 13	"	11 1/2 18 1/2	1025	Earth worms.
13836	Sylvia americana	♂	June 5	"	6 1/2 10 1/2	992	elm buds.
13837	Spizella socialis.	♂	" 14	"	5 1/2 8 1/2	1006	Insects.
13838	"	♂	" 14	"	5 1/2 8 1/2	996	"
13839	"	♂	" 15	"	5 1/2 8 1/2	1000	"
13840	"	♂	" 16	"	5 1/2 8 1/2	1001	"
13841	"	♂	"	"	5 1/2 8 1/2	1002	"
13842	"	♂	"	"	5 1/2 8 1/2	1003	"
13843	"	♂	"	"	5 1/2 8 1/2	1004	"
13844	"	♂	"	"	5 1/2 8 1/2	1005	"

Concord, Middlesex County, Mass. Collector Wm. Brewster.

No.	Species	Sex	Date	Year	Measurements	Weight	Remarks
13859	Turdus mustelinus	♂	May 16	1887			
13860	" fuscescens	♂	" 10	"			
13861	"	♂	" 13	"			
13862	" a. bicknelli	♂	" 23	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13863	" alvinae	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13864	" swainsoni	♂	" 11	"			
13865	"	♂	" 21	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13866	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13867	"	♂	"	"			
13868	"	♂	" 23	"			
13869	Mirula migratoria.	♂	April 7	"			
13870	Mimus carolinensis.	♂	May 10	"			
13871	Sialia sialis	♂	April 7	"			
13872	"	♂	" 7	"			
13873	Ostothorus palustris	♂	June 7	"			
13874	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13875	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13876	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13877	"	♂	"	"			
13878	"	♂	"	"			GOING IN EXCH. TO U.S. Nat. Hist.
13879	"	♂	"	"			
13880	"	♂	"	"			
13881	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13882	"	♂	"	"			
13883	"	♂	"	"			GOING IN EXCH. TO U.S. Nat. Hist.
13884	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13885	"	♂	"	"			
13886	"	♂	"	"			
13887	"	♂	"	"			
13888	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13889	"	♂	" 17	"			
13890	"	♂	"	"			
13891	"	♂	"	"			
13892	"	♂	" 7	"			
13893	"	♂	"	"			
13894	"	♂	"	"			
13895	"	♂	" 17	"			
13896	" stellaris	♂	" 7	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13897	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13898	"	♂	" 17	"			
13899	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13900	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13901	"	♂	"	"			
13902	"	♂	"	"			
13903	"	♂	"	"			
13904	"	♂	July 15	"			
13905	Regulus satrapa	♂	April 12	"			
13906	Helminthophila chrysopleura	♂	May 16	"			
13907	"	♂	" 21	"			

Winchendon Mass. Collector William Brewster.

No.	Species	Sex	Date	Year	Measurements	Weight	Remarks
13845	Turdus pallasi.	♂	June 25	1887			
13846	Anorthura hyemalis	♂	" 26	"			
13847	"	♂	"	"			
13848	Regulus satrapa	♂	"	"			
13849	"	♂	"	"			
13850	Parula americana	♂	" 25	"			
13851	Dendroica blackburniae	♂	"	"			
13852	"	♂	" 26	"			Parent of nest and eggs. 2/4
13853	"	♂	"	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13854	Sylvania canadensis	♂	" 25	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13855	"	♂	"	"			
13856	Vireo solitarius	♂	" 27	"			GOING IN EXCH. TO POST. SOC. NAT. HIST.
13857	Zonotrichia albicollis	♂	" 26	"			
13858	"	♂	"	"			

Concord, Middlesex County, Mass. Collector, Wm. Brewster.

13908	<i>Helminthophila chrysoptera</i>	May	21	1887
13909	" <i>ruficapilla</i>	"	10	"
13910	"	"	11	"
13911	"	"	11	"
13912	<i>Parula "americana"</i>	"	16	"
13913	"	"	"	"
13914	"	"	"	"
13915	"	"	23	"
13916	<i>Dendroica virens</i>	"	10	"
13917	<i>castanea</i>	"	21	"
13918	"	"	22	"
13919	<i>coronata</i> <i>virata</i>	"	23	"
13920	<i>coronata</i>	"	17	"
13921	<i>striata</i>	"	25	"
13922	<i>caerulescens</i>	"	16	"
13923	"	"	21	"
13924	<i>maculosa</i>	"	16	"
13925	"	"	21	"
13926	"	"	21	"
13927	<i>pinus</i>	April	12	"
13928	"	"	7	"
13929	"	May	10	"
13930	"	"	13	"
13931	<i>Setophaga ruticilla</i>	"	23	"
13932	<i>Sylvia canadensis</i>	"	16	"
13933	"	"	21	"
13934	"	"	21	"
13935	"	jun. Aug.	13	"
13936	"	May	21	"
13937	"	jun. Aug.	13	"
13938	<i>Vireo flavifrons</i>	May	16	"
13939	"	"	23	"
13940	"	June	2	"
13941	"	May	10	"
13942	"	"	23	"
13943	<i>solitarius</i>	"	11	"
13944	"	"	"	"
13945	"	jun. Aug.	9	"
13946	"	May	13	"
13947	"	"	11	"
13948	<i>gilvus</i>	June	7	"
13949	<i>Pyrranga rubra</i>	May	11	"
13950	"	June	4	"
13951	<i>Hirundo horreorum</i>	May	28	"
13952	"	"	"	"
13953	"	June	4	"
13954	"	"	"	"
13955	"	May	28	"
13956	<i>Petrochelidon lunifrons</i>	"	28	"

Concord, Middlesex County, Mass. Collector, Wm. Brewster.

13957	<i>Petrochelidon lunifrons</i>	May	28	1887
13958	"	June	4	"
13959	<i>Tachycineta bicolor</i>	"	"	"
13960	"	"	"	"
13961	<i>Cotile riparia</i>	May	17	"
13962	"	"	28	"
13963	"	"	"	"
13964	"	"	"	"
13965	"	"	"	"
13966	"	"	"	"
13967	"	jun. Aug.	13	"
13968	"	May	28	"
13969	"	"	"	"
13970	"	"	"	"
13971	"	"	"	"
13972	"	"	"	"
13973	<i>Junco hiemalis</i>	June	2	"
13974	"	April	7	"
13975	<i>Melospiza lincolni</i>	"	12	"
13976	"	May	21	"
13977	<i>Cistiornis hirsuta</i>	"	11	"
13978	<i>Spizella pusilla</i>	July	15	"
13979	"	April	7	"
13980	"	May	25	"
13981	"	"	11	"
13982	"	"	23	"
13983	<i>socialis</i>	"	25	"
13984	"	"	23	"
13985	"	"	10	"
13986	<i>Zonotrichia albicollis</i>	"	21	"
13987	<i>Melospiza lincolni</i>	"	"	"
13988	<i>Spizella erythrophthalma</i>	"	13	"
13989	<i>Coturnix coturnix</i>	jun. Aug.	13	"
13990	<i>Sayornis fuscus</i>	April	12	"
13991	"	May	11	"
13992	"	April	12	"
13993	<i>Coturnix virens</i>	June	2	"
13994	"	ad Aug.	9	"
13995	<i>Cyanocitta cristata</i>	May	21	"
13996	"	June	2	"
13997	<i>Agelaius phoeniceus</i>	"	2	"
13998	"	"	"	"
13999	"	"	"	"
14000	<i>Pinus pubescens</i>	May	16	"
14001	"	June	2	"
14002	<i>Chaetura pelagica</i>	"	4	"
14003	"	ad Aug.	13	"
14004	<i>Molothrus piceus</i>	May	10	"
14005	"	"	28	"

Concord, Middlesex County, Mass. Collector Wm. Brewster.

14006	<i>Molothrus pecoris</i>	May 10	1887	
14007	"	July 17	"	
14008	<i>Dolichonyx oryzivorus</i>	July 4	"	
14009	"	July 15	"	Testes 0
14010	"	"	"	
14011	<i>Icterus baltimore</i>	Aug.	"	
14012	"	"	"	
14013	<i>Agelaius phoeniceus</i>	April 12	"	
14014	"	"	"	
14015	<i>Accipiter cooperi</i>	Aug 10	"	
14016	"	July 13	"	Iris pale yellow
14017	<i>Fuscus</i>	"	"	" light hazel.
14018	<i>Ceryle alcyon</i>	April 12	"	
14019	<i>Zenaidura carolinensis</i>	May 17	"	
14020	"	"	"	
14021	<i>Rhyacophilus solitarius</i>	"	"	
14022	"	"	"	
14023	"	"	"	
14024	"	"	"	
14025	"	"	"	Exch. to Compt d'Abadie
14026	"	"	"	
14027	"	"	"	
14028	"	"	"	Gone to C. F. Hayward
14029	"	"	"	
14030	<i>Chinga minutilla</i>	"	"	
14031	"	"	"	
14032	"	"	"	
14033	"	"	"	
14034	"	"	"	
14035	<i>Ardea virescens</i>	23	"	
		13	"	

Lake Umbagog, Maine. Collector William Brewster.

14036	<i>Phalaropus flycariarum</i>	Sep. 29	1887	
14037	"	3	"	
14038	"	"	"	
14039	"	"	"	
14040	"	"	"	
14041	<i>Porzana carolina</i>	9	"	
14042	<i>Tringa bonapartei</i>	29	"	
14043	<i>Scolia leucopetra</i>	21	"	Testes 0
14044	"	"	"	
14045	"	"	"	
14046	<i>Ceryle alcyon</i>	"	"	
14047	<i>Asio accipitrinus</i>	"	"	
14048	<i>Accipiter cooperi</i>	"	"	
14049	<i>Act. sponsa</i>	9	"	

Lake Umbagog, Maine. Collector Wm. Brewster.

14050	<i>Act. sponsa</i>	Oct. 24	1887	not in nest just before the birds
14051	"	"	"	" at head of S. meadows
14052	<i>Anas obscura</i>	25	"	
14053	<i>Dendragapus canadensis</i>	17	"	shot by Sherman
14054	<i>Ardea herodias</i>	20	"	Exch. to Compt d'Abadie

Belmont, Middlesex County, Mass. Collector Wm. Brewster.

14055	<i>Morula migratoria</i>	Nov. 9	1887	
14056	"	9	"	
14057	"	"	"	
14058	<i>Sialia sialis</i>	April 6	"	
14059	<i>Sitta canadensis</i>	"	"	
14060	<i>Junco hiemalis</i>	"	"	
14061	"	"	"	
14062	"	"	"	
14063	<i>Passerella illiaca</i>	"	"	
14064	"	"	"	
14065	"	"	"	
14066	"	"	"	
14067	"	"	"	
14068	<i>Molothrus ater</i>	9	"	
14069	"	"	"	

Great Island, Hyannis, Mass. Collector Wm. Brewster.

14070	<i>Dendroica p. hypochrysea</i>	Oct. 15	1887	
14071	"	"	"	
14072	"	"	"	
14073	<i>Spizella palmarum</i>	"	"	In garden, with usual W. hypochry.
14074	<i>Spinus pinus</i>	"	"	
14075	"	"	"	
14076	"	"	"	
14077	<i>Spizella socialis</i>	"	"	
14078	<i>Melospiza georgiana</i>	"	"	
14079	<i>Sayornis phoebe</i>	"	"	

Miscellaneous.

14080	<i>Quiscalus g. mexicanus</i>	Oct. 17	1887	Belmont, Mass.
14081	"	"	"	
14082	<i>Junco hiemalis</i>	April 7	"	Concord, Mass.
14083	<i>Agropodacus purpureus</i>	May 10	"	Wilton
14084	<i>Thraupis a. polioptila</i>	July 25	1886	Littleton
14085	<i>Otocoris alpestris</i>	Oct 25	1887	Nov. N.Y.

\*No. 14085 was given me in the flesh by Dr. J. C. Merrill. It was shot, I think, by Mr. Parker.

# Miscellaneous Collectors and Localities.

14086	<i>Coccothraustes vespertina</i>	♂	Dec.	5	Melrose Mass. Length 8 in. Dec 1887. <sup>L. Henshaw</sup>	
14087	"	♀	April	"	Yellow feet. <sup>L. Henshaw</sup>	
14088	<i>Colaptes auratus</i>	"	Jan. 6	1887	Killed at Mandeville, Mass. <sup>L. Henshaw</sup>	
14089	<i>Passerella iliaca</i>	♀	Oct. 8	1885	Fort Butler Mont. Capt. Charles Bendire. <sup>L. Henshaw</sup>	
14090	<i>Anthus ludovicianus</i>	♀ ad.	May 21	1885	Locust Grove N. J. L 174 E 265 W 80 C. H. Messiam. <sup>L. Henshaw</sup>	
14091	"	♀	Feb. 12	1886	St. Helena Island S. C. Coll. Walter Horie. <sup>L. Henshaw</sup>	
14092	"	♀	"	19	"	
14093	<i>Peucaea a. bachmanii</i>	♀	Sep. 14	1886	Yreka So. Ca. "Cale Scrub." Horie. <sup>L. Henshaw</sup>	
14094	<i>Spizella pusilla</i>	♀	Jan 8	"	Laredo Texas Frank B. Armstrong. <sup>L. Henshaw</sup>	
14095	<i>Physapicus ruber</i>	♀	"	26	1885	Riverside Cal. <sup>L. Henshaw</sup>
14096	<i>Lophoceros</i>	♀	June 29	1885	Marco Florida collector E. C. Greenwood. <sup>L. Henshaw</sup>	
14097	<i>Charadrius squatarola</i>	♀	May 20	1885	Cape Cod Mass. John C. Cahoon. <sup>L. Henshaw</sup>	
14098	<i>Micropalama himantopus</i>	♂	May 24	1886	San Jose Co. Colorado. } <sup>L. Henshaw</sup>	
14099	"	♂	"	20	"	} J. Southwick

## Yemassee, near Charleston, South Carolina. Collector, Arthur T. Haynes.

14100	<i>Gallinula galeata</i>	♂	May	5	1887	1743
14101	"	♀	July	1	"	1807
14102	<i>Sonornis martinica</i>	♂	May	21	"	1776
14103	"	♀	"	5	"	1741
14104	"	♀	"	9	"	1748
14105	"	♀	"	5	"	1789
14106	"	♀	"	18	"	1769
14107	"	♀	"	25	"	1778
14108	"	♀	June	17	"	1796
14109	"	♀	"	"	"	1797
14110	<i>Chiraca carulea</i>	♀	July	6	"	1809
14111	"	♀	June	29	"	1803
14112	"	♀	May	30	"	1786
14113	<i>Empidonax acadicus</i>	♀	"	10	"	1753
14114	<i>Dendroica caerulescens</i>	♀	"	2	"	1735
14115	<i>Tauraca carulea</i>	♀	July	13	"	1813
14116	"	♀	May	27	"	1782
14117	<i>Passerina ciris</i>	♀	April	26	1886	1804
14118	<i>Passerella iliaca</i>	♀	Dec	3	1887	1847
14119	<i>Spizella socialis</i>	♀	June	14	"	1783
14120	<i>Helminthophorus vermicivorus</i>	♀	Aug.	23	"	1819
14121	<i>Sonornis martinica</i>	♀	May	9	"	1747

14122 *Zonotrichia leucophrys* ♂ June Oct. 26. 1887 Saybrook Conn. J. N. Clark  
 Killed from A. T. Haynes.

## Types of new Species and Subspecies described by W. B. in Arch. for January, 1888.

14123	<i>Otophanes melodia</i>	♀	Chihuahua, Mexico (probably near Durango)	Dec. 6, 1884.	R. R. McLeod?
14124	<i>Megascops vinaceus</i>	♀ ad.	Durango, Chihuahua, Mexico,	Dec. 2, 1884	" " "
14125	" <i>aspinus</i>	♀	" El Carmen, "	May 6, "	" " "
14126	"	♀ juv.	" " "	Aug. 22, "	" " "
14127	<i>Aimophila melodia</i>	♂ ad.	" " "	June 3, 1885	" " "
14128	"	♀	" " "	Nov. 10, 1884	" " "
14129	" <i>cahooni</i>	♂	" Near Orosuna, Sonora	June 2, 1887.	J. C. Cahoon to 1074
14130	"	♀	" " "	May 31, "	" " 1047
14131	<i>Icterus wagneri cestonofretus</i>	♂	" " "	April 13, "	" " 638.
14132	<i>Troglodytes cahooni</i>	♂ ad.	" " "	May 31, "	" " 1045.
14133	"	♀	" " "	" 31, "	" " 1043.
14134	<i>Ardea virescens fraseri</i>	♂	" Sea Port, Lower California	Feb. 7, "	M. Attoll Fraser
14135	<i>Hæmatopus fraseri</i>	♂	" Carmen Id. "	March 6, "	" " "
14136	<i>Empidonax cineritius</i>	♂	" La Laguna Mt. "	April 27, "	" " "
14137	"	♀	" " "	" " "	" " "
14138	<i>Columba fariata viroca</i>	♂	" " "	May 30, "	" " "
14139	"	♀	" " "	" 31, "	" " "

## Gift of M. Chamberlain. Collected by A. Hagerup.

14140	<i>Falco islandus</i>	ad.	Grigst Greenland	Dec. 1, 1886.	L. 232 E. 502
14141	"	juv.	"	"	"
14142	"	ad. nearly.	"	"	"
14143	" <i>rusticolus</i>	ad.	"	"	"
14144	"	juv?	"	"	"
14145	" <i>rus. gyrfalco</i>	"	"	June 3, 1886.	"
14146	<i>Somatella spectabilis</i>	"	"	March 20, 1887.	"
14147	"	"	"	"	"

14148 *Zenaidura macroura* ♀ ad. Richardson Lake, Maine. Nov. 5, 1887. Received in the flesh from Benjamin Sargent who shot it near his camp.  
 14149 *Galoscoptes carolinensis* ♀ Wellesley Mass. Dec. 30, 1887. Coll. Thomas Fitzgerald.

Received from Miss Sargent, New York, March 1916



Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
14150	1129	<i>Mitrophus phaeocercus tenuirostris</i>	♀ ad	Grosura, Sonora, Mexico	June 7, 1887	J. C. Cahoon	J. C. Cahoon	J. C. Cahoon	July, 1887	purchase	Type of new subspecies "Shot on log, side of brook. Bird cost 50.50; ex. 5.50" from the side of log; think it had just dropped in from a log
14151	539	<i>Dendroica aestiva sonorana</i>	♂ "	"	April 7, "	"	"	"	"	"	Type of new subspecies
14152	666	"	♀ "	"	" 14, "	"	"	"	"	"	"
14153	---	<i>Glaucochim groma heskinsii</i>	♂ "	Sierra de la Laguna, Lower California	May 10, "	M. A. Frazar	M. A. Frazar	M. A. Frazar	"	"	"
14154	---	<i>Limosa fedoa</i>	♀	Iowa?	May	"	Chas. Fowler	"	"	"	"
14155	---	"	♂	"	"	"	"	"	"	"	"
14156	---	"	♀	"	"	"	"	"	"	"	"
14157	---	"	♀	"	"	"	"	"	"	"	"
14158	---	<i>haemastica</i>	♀	"	"	"	"	"	"	"	"
14159	---	"	♂	"	" 43, "	"	"	"	"	"	"
14160	---	"	♂	"	"	"	"	"	"	"	"
14161	---	"	♂	"	"	"	"	"	"	"	"
14162	---	<i>Charadrius dominicus</i>	♂	"	"	"	"	"	"	"	"
14163	---	"	♂	"	"	"	"	"	"	"	"
14164	8285	<i>Buteo swainsoni</i>	♀	Jamul, California	Aug. 6, 1886	"	C. H. Marsh	Manly Hardy	Jan. 1888	gift.	L. 21 - W. 16 - T. 83 Iris brown. N. lunoda
14165	8397	" <i>l. elegans</i>	♂	"	" 30, "	"	"	"	"	"	" 173 - " 12 - " 8 " hazel.
14166	---	<i>Asio atricapillus</i>	♀ ad.	Holston, Maine	June 5, 1887	"	M. Hardy	"	"	"	Taken near nest.
14167	129	<i>Colymbus septentrionalis</i>	♂	Cambridge, Mass.	Oct. 21, 1871	R. Dean	R. Dean	Ruthven Dean	" 1887	"	Shot in Fresh Pond. "24.50 x 41.50"
14168	63	<i>Podilymbus podiceps</i>	♂?	"	Sept. 19, "	"	"	"	"	"	"12.20 x 20.15"
14169	399	<i>Spatula clypeata</i>	♂ ad	Norfolk, Virginia	March 20, 1872	"	"	"	"	"	Bought in flesh in Boston Market. "Bill black, iris yellow"
14170	306	<i>Cupidoma americana</i>	♀	Illinois	Jan'y 31, "	"	"	"	"	"	"77.40 x 28.40"
14171	---	<i>Erismatura rubida</i>	juv.	Cape Cod, Mass.	Sept. 1873	"	"	"	"	"	"(Sept 10 <sup>th</sup> of Ann. Nat. VII, 433)
14172	342	<i>Marca americana</i>	♂ ad	Virginia	March 1, 1872	"	"	"	"	"	"20.90 x 33.40"
14173	---	<i>Querquedula discors</i>	[♂ ad]	"	"	"	"	"	"	"	discovered 9925 "Original label lost
14174	344	<i>Chaulelasmus streperus</i>	♂ ad	Virginia	March 1, 1872	"	"	"	"	"	"Feet orange "21.40 x 36.70"
14175	378	<i>Lagopus albus</i>	♀	S. St. John (Lagunay Ku) Canada	Feb. 22, "	"	"	"	"	"	Received in flesh from Montreal. "15.61 x 24.30"
14176	873	<i>Uria grylle</i>	♀	Grand Menan, N. B.	June - "	H. Hensick	H. Hensick	"	"	"	"
14177	872	"	♂	"	"	"	"	"	"	"	"
14178	---	<i>Ectopistes migratoria</i>	[♂ -]	Southern Indiana	April 1, 1887	"	Chas. Fowler	F. B. Webster	April	purchase	Mr. Webster had them in flesh "from a New York party"
14179	---	"	[♂ -]	"	" 1, "	"	"	"	"	"	"
14180	---	"	[♂ -]	"	" 1, "	"	"	"	"	"	"
14181	---	"	[♂ -]	"	" 1, "	"	"	"	"	"	"
14182	---	"	[♀ -]	"	" 1, "	"	"	"	"	"	"
14183	---	"	[♀ -]	"	" 1, "	"	"	"	"	"	"
14184	---	<i>Archibuteo lag. sancti-johannis</i>	♂ ad	Northampton, Mass.	" 11, "	E. A. Darrow	"	"	"	"	"
14185	---	<i>Falco mexicanus texensis</i>	♂	Victoria County, Texas	" 29, "	Dr. Poirer	Dr. Poirer	"	"	"	"
14186	---	"	♂	Bee	" 20, "	"	"	"	"	"	"
14187	---	<i>Otocoris al. grandis</i>	♂	Corpus Christi, "	" 2, "	"	"	"	"	"	"
14188	---	"	♂	"	" 2, "	"	"	"	"	"	"
14189	---	"	♂	Refugio County	" 22, "	"	"	"	"	"	"
14190	---	"	♂	Corpus Christi	" 2, "	"	"	"	"	"	"
14191	---	"	♂	San Pedro County	March 18, "	"	"	"	"	"	"
14192	---	"	♂	Aransas	April 10, (1886)	"	"	"	"	"	"
14193	---	<i>Cathartes philadelphia</i>	♂	Victoria	May 5, "	"	"	"	"	"	"
14194	---	<i>Chordeiles v. harrisi</i>	♂	Refugio	April 22, "	"	"	"	"	"	"
14195	---	"	♀	"	"	"	"	"	"	"	"
14196	---	<i>Strix parvula</i>	♂	Bee	" 15, "	"	"	"	"	"	"
14197	---	<i>Buteo borealis hirsuti</i>	♂	Corpus Christi	Jan'y 31, "	"	"	"	"	"	"
14198	---	<i>Oxyechus v. texanus</i>	♂ ad	Bee County	April 14, "	"	"	"	"	"	"
14199	---	<i>Tringites fuscescens</i>	♀	Refugio	" 28, "	"	"	"	"	"	"

William Brewster

Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
14200.		<i>Nyctinomus albigularis merrilli</i>	♂ ad	Rancho Buena, Texas	April 14 1887	F. B. Armstrong	F. B. Armstrong	F. B. Webster	1887	Purchase	
14201.		"	♂ "	"	"	"	"	"	"	"	
14202		"	♀ "	Daley Corasones,	" 16 "	"	"	"	"	"	"With young" [No 14203]
14203		"	♂ juv	"	"	"	"	"	"	"	Unk in down.
14204		"	♂ ad	Motha Buata	" 19 "	"	"	"	"	"	
14205		"	♀ "	Nueces County,	Jan'y 17 "	"	"	"	"	"	
14206		<i>Scops asio maccalli</i>	♂ "	"	" 21 "	"	"	"	"	"	
✓ 14207		<i>Ceryle alcyon</i>	♂ "	Shelter Island New York	May 18 1885	H. W. Northampton	H. W. Northampton	"	"	"	
14208		"	♂ "	"	"	"	"	"	"	"	
14209		<i>Vireo philadelphicus</i>	♀ "	"	Sept. 15 1886	"	"	"	"	"	
14210		<i>Tringa bairdii</i>	♀ ad	Barren County Colorado	April 5 "	"	"	"	"	"	
14211		<i>Archibuteo ferrugineus</i>	♂	Corpus Christi Pass, Texas	Jan'y 4, 1887	R. Fancher	R. Fancher	"	"	"	"L. 23 1/4; wing 19 1/4; ex 55 1/2 inches". Weight 2 lbs. 10 oz.
14212		<i>Corvus americanus floridensis?</i>	—	Mandeville, Louisiana	April - "	—	G. S. Galbraith	G. S. Galbraith	"	"	
14213		"	—	"	"	—	"	"	"	"	
14214.		<i>Buteo lineatus</i>	♂ ad	East Lexington Mass.	Dec. 14 1885	Wm Brewster	S. H. Denton	"	"	"	In hand - very fat - stomach contained one grasshopper.
14215		<i>Regulus satrapa</i>	♂	Belmont	"	"	"	"	"	"	Adm woods on Prospect Street
14216		"	♂	"	"	"	"	"	"	"	ROCK IN MOUTH, NO POST. SEC. NAT. HIST.
14217		"	♀	"	"	"	"	"	"	"	ROCK IN MOUTH, NO POST. SEC. NAT. HIST.
✓ 14218		"	♀	"	"	"	"	"	"	"	"
14219		"	♀	"	"	"	"	"	"	"	"
14220		<i>Catherin fam. americana</i>	♂	"	"	"	"	"	"	"	ROCK IN MOUTH, NO POST. SEC. NAT. HIST.
14221		<i>Sialia bicolor</i>	-juv.	Wellesley	— 1886	L. B. Wise	"	S. H. Denton	Jan'y 1888	Gift	In first plumage. Bill crossed.
14222	1867	<i>Sitta carolinensis</i>	♀ ad	Yemassee South Carolina	Jan'y 7 1888	A. T. Wayne	A. T. Wayne	A. T. Wayne	Feb. 4 "	Purchase	
14223	1861	<i>Cistothorus palustris</i>	♂	"	Jan'y 4 "	"	"	"	"	"	
14224	1862	"	♂	"	"	"	"	"	"	"	
14225	1863	"	♀	"	"	"	"	"	"	"	
14226	1864	"	♀	"	"	"	"	"	"	"	
14227	1868	" <i>Hellaria</i>	♂	"	" 9 "	"	"	"	"	"	
✓ 14228	1873	<i>Spiz. " "</i>	♀	"	" 10 "	"	"	"	"	"	
14229	1883	"	♂	"	" 12 "	"	"	"	"	"	
14230	1886	"	♂	"	" 13 "	"	"	"	"	"	
14231	1887	"	♂	"	"	"	"	"	"	"	
14232	1885	"	♂	"	" 23 "	"	"	"	"	"	
14233	1902	"	♂	"	" 16 "	"	"	"	"	"	
14234	1893	"	♀	"	" 14 "	"	"	"	"	"	
14235	1892	"	♀	"	" 14 "	"	"	"	"	"	
14236	1894	"	♀	"	"	"	"	"	"	"	
14237	1891	"	♀	"	"	"	"	"	"	"	
14238	1906	<i>Helminthophila celata</i>	♀	"	" 18 "	"	"	"	"	"	
14239	1925	<i>Vireo solitarius</i>	♂	"	" 24 "	"	"	"	"	"	
14240	1896	<i>Coccyus erythrorhynchos</i>	♂	"	" 14 "	"	"	"	"	"	
14241	1858	<i>Molothrus fuscus</i>	♂	"	" 3 "	"	"	"	"	"	
14242	1915	<i>Luscinthus g. aglaenus</i>	♀	"	" 20 "	"	"	"	"	"	
14243	1921	"	♂	"	" 23 "	"	"	"	"	"	
14244.	1922	"	♀	"	"	"	"	"	"	"	
14245.	1871	<i>Picus borealis</i>	♂	"	" 9 "	"	"	"	"	"	
14246.	1874	"	♀	"	" 10 "	"	"	"	"	"	
14247	1866	" <i>villous auduboni</i>	♂	"	" 6 "	"	"	"	"	"	
14248	1866	"	♀	"	"	"	"	"	"	"	
14249	1856	<i>Sphyrapicus varius</i>	♂ juv	"	" 2 "	"	"	"	"	"	

Collected by William Brewster Nov. 14 1880-51 (by S. W. D.)

Catalogue number	Original number	NAME	Sex and age	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
14250	1873	<i>Pallus Virginianus</i>	♂	Yemassee South Carolina	Jan. 10, 1888	A. T. Wayne	A. T. Wayne	A. T. Wayne	Feb. 4, 1888	Bychase	
14251	1860	"	♀	"	" 4, "	"	"	"	"	"	
14252	1223	<i>Batrachus plumbeus</i>	♂	Silver City, New Mexico	" 1, 1884	Chas. H. Marsh	Chas. H. Marsh	Chas. H. Marsh	Feb. 6, "	"	"his brown"
14253	1272	"	♂	"	" 26, "	"	"	"	"	"	"
14254	1417	"	♂	Las Vegas "	" 26, "	"	"	"	"	"	"
14255	1368	"	♂	Silver City "	"	"	"	"	"	"	"his yellow"
14256	1301	"	♀	"	Feb. 2, "	"	"	"	"	"	"brown"
14257	1294	"	♂	"	"	"	"	"	"	"	"
14258	1298	"	♂	"	" 2, "	"	"	"	"	"	"
14259	1359	"	♂	"	" 16, "	"	"	"	"	"	"
14260	1481	"	♂	"	March 18, "	"	"	"	"	"	"
14261	1950	"	♂ juv.	Bone Mt. "	July 14, "	"	"	"	"	"	"first plumage"
14262	2671	"	♂	"	Oct. 16, "	"	"	"	"	"	"
14263	2998	"	♂	"	Nov. 22, "	"	"	"	"	"	"
14264	1219	"	♂	Silver City "	Dec. 31, "	"	"	"	"	"	"his brown"
14265	—	<i>Pitta pygmaea</i>	♀	Las Vegas "	April 15, "	"	"	"	"	"	"
14266	8476	<i>Chamaea fasciata hutchinsii</i>	♀	Jannul California	Aug. 28, 1886	"	"	"	"	"	"his white"
14267	9133	"	♂	San Diego "	Nov. 10, "	"	"	"	"	"	"
14268	8294	<i>Troglodytes aedon parkmanni</i>	♂	Jannul "	Aug. 8, "	"	"	"	"	"	"
14269	9507	"	♂	Dulzura "	April 27, "	"	"	"	"	"	"
14270	4211	<i>Spizella breweri</i>	♂	Bone Mt. New Mexico	Aug. " 1885	"	"	"	"	"	"
14271	4443	"	♂	"	Sept. 2, "	"	"	"	"	"	"
14272	3497	" <i>socialis arizonae</i>	♂	"	Feb. 23, "	"	"	"	"	"	"
14273	2695	"	♂	"	Oct. 20, 1884	"	"	"	"	"	"
14274	2895	"	♂	"	Nov. 14, "	"	"	"	"	"	"
14275	2896	"	♀	"	"	"	"	"	"	"	A peculiar specimen with the crown & back nearly as in <i>breweri</i>
14276	4444	" <i>pallida</i>	♂	"	Sept. 2, 1885	"	"	"	"	"	"
14277	8176	<i>Melospiza fas. heermanni?</i>	♂ juv.	Sweetwater, California	July 21, 1886	"	"	"	"	"	"first plumage"
14278	1387	<i>Chrysomitris pinus</i>	♂	Silver City, New Mexico	Feb. 23, 1884	"	"	"	"	"	"
14279	1384	"	♂	"	"	"	"	"	"	"	"
14280	2891	"	♀	Bone Mt. "	Oct. 14, "	"	"	"	"	"	"
14281	9438	" <i>laurenci</i>	♂	San Diego, California	Jan'y 13, 1887	"	"	"	"	"	"
14282	9448	"	♂	"	" 18, "	"	"	"	"	"	"
14283	"4950" [7]	"	♂	"	"	"	"	"	"	"	The Coll's are probably should be 9450
14284	9459	"	♂	"	"	"	"	"	"	"	"
14285	6866	"	♂	"	March 27, 1886	"	"	"	"	"	"
14286	7488	"	♂	"	April 30, "	"	"	"	"	"	"
14287	9436	"	♀	"	Jan'y 13, 1887	"	"	"	"	"	"
14288	9437	"	♀	"	"	"	"	"	"	"	"
14289	9452	"	♀	"	" 18, "	"	"	"	"	"	"
14290	9451	"	♀	"	"	"	"	"	"	"	"
14291	6781	"	♀	"	Feb. 23, 1886	"	"	"	"	"	"
14292	6816	"	♀	"	March 5, "	"	"	"	"	"	"
14293	7489	"	♀	"	April 30, "	"	"	"	"	"	"
14294	9310	"	♀	"	Dec. 13, "	"	"	"	"	"	"
14295	8327	" <i>pratiria</i>	♂ ad Jannul	"	Aug. 8, "	"	"	"	"	"	"
14296	8329	"	♂ juv.	"	"	"	"	"	"	"	"
14297	8328	"	♂	"	"	"	"	"	"	"	"
14298	9351	<i>Poocetes gramineus confinis</i>	♂	San Diego "	Dec. 20, "	"	"	"	"	"	"
14299	3300	"	♂	Bone Mt. New Mexico	Jan'y 7, 1885	"	"	"	"	"	"

Collected by William Brewster.

Original number	Set number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
14300	1571	<i>Poocetus gramineus confinis</i>	♂	Silver City, New Mexico	March 25, 1884	Chas. H. Marsh	Chas. H. Marsh	Chas. H. Marsh	Feb. 6, 1886	Purchase	
14301	8370	<i>Spizella atrigularis</i>	♂ juv.	Tamul, California	Aug. 18, 1886	"	"	"	"	"	
14302	8406	"	♂	"	" 21, "	"	"	"	"	"	
14303	8477	"	♂	"	" 28, "	"	"	"	"	"	
14304	8478	"	♂	"	"	"	"	"	"	"	
14305	<del>1436</del>	<i>Sassunculidus s. alaudinus</i>	♀	Boway (San Diego Co.)	April 17, 1884	"	"	"	"	"	
14306	4738	"	♂	Bone Mt. New Mexico	Sept. 17, 1885	Chas. H. Marsh	Chas. H. Marsh	"	"	"	Evidently not of Mr. Marsh's collecting.
14307	9289	"	♀	San Diego, California	Dec. 2, 1886	"	"	"	"	"	
14308	4596	"	♂	Bone Mt. New Mexico	Sept. 10, 1885	"	"	"	"	"	
14309	3325	"	♂	"	Jan'y 15, "	"	"	"	"	"	
14310	9352	"	♀	San Diego, California	Dec. 2, 1886	"	"	"	"	"	
14311	6742	<i>Amphispiza belli</i>	♂	"	Feb. 23, "	"	"	"	"	"	
14312	6803	"	♂	"	"	"	"	"	"	"	
14313	7056	"	♂	"	April 9, "	"	"	"	"	"	
14314	3644	<i>Empidonax fulvifrons pygmaeus</i>	♂	Bone Mt. New Mexico	" 22, 1885	"	"	"	"	"	
14315	3783	" <i>hammondi</i>	♀	"	May 11, "	"	"	"	"	"	
14316	1834	<i>Empidonax hammondi</i>	♀	Silver City	June 2, 1884	"	"	"	"	"	
14317	1653	" <i>obscurus</i>	♂	"	April 29, "	"	"	"	"	"	
14318	1600	"	♂	"	" 22, "	"	"	"	"	"	
14319	1713	"	♂	"	May 7, "	"	"	"	"	"	
14320	1798	"	♂	"	" 20, "	"	"	"	"	"	
14321	1711	"	♂	"	" 7, "	"	"	"	"	"	
14322	1652	<i>Contopus richardsoni</i>	♂	"	April 29, "	"	"	"	"	"	
14323	1839	"	♂	"	June 2, "	"	"	"	"	"	
14324	1838	"	♂	"	"	"	"	"	"	"	
14325	2299	<i>Salasphecia rufes</i>	♀	Bone Mt.	Sept. 25, "	"	"	"	"	"	
14326	3790	<i>Indus a. auduboni</i>	♀	"	May 11, 1885	"	"	"	"	"	
14327	3772	<i>Calamospiza bicolor</i>	♂ ad	"	" 9, "	"	"	"	"	"	
14328	3773	"	♂	"	" 7, "	"	"	"	"	"	
14329	9203	<i>Tyrannus vociferans</i>	♂	San Diego, California	Nov. 17, 1886	"	"	"	"	"	
14330	9202	"	♂	"	"	"	"	"	"	"	
14331	8185	<i>Coccyzus amer. occidentalis</i>	♂	Sweetwater	July 22, "	"	"	"	"	"	
14332	"8017"	"	♂	"	" 6, "	"	"	"	"	"	
14333	"8018"	"	♀	"	" 5, "	"	"	"	"	"	
14334	3304	<i>Sphyrapicus varius nuchalis</i>	♂	Bone Mt. New Mexico	Jan'y 7, 1885	"	"	"	"	"	
14335	2644	"	♂	"	Oct. 14, 1884	"	"	"	"	"	
14336	5896	"	♂	"	" 29, 1885	"	"	"	"	"	
14337	2672	"	♀	"	" 16, 1884	"	"	"	"	"	
14338	2648	"	♀	"	" 15, "	"	"	"	"	"	
14339	8646	<i>Falco sparverius</i>	♂	Dulzura, California	Sept. 17, 1886	"	"	"	"	"	
14340	8586	" <i>mexicanus</i>	♂	"	" 10, "	"	"	"	"	"	
14341	7904	<i>Scops asio</i>	♀	Sweetwater	June 4, "	"	"	"	"	"	Too heavily streaked for <i>bendirei</i>
14342	7604	<i>Tringoides macularius</i>	♀	San Diego	April 7, "	"	"	"	"	"	
14343	8546	<i>Squatarola helvetica</i>	♂ juv.	"	Oct. 21, "	"	"	"	"	"	
14344	—	<i>Luscinia s. pusillus aeneus</i>	♂ ad	Quincy, Massachusetts	April 15, "	"	William Brewster	T. B. Webster	Apr. 16, 1886	Purchase	In the flesh from Webster
14345	—	"	♂	"	"	"	"	"	"	"	"
14346	—	"	♂	"	"	"	"	"	"	"	"
14347	—	"	♂	Wellesley	Feb. 6, 1888	Thos. F. Fitzgerald	Thos. F. Fitzgerald	T. F. Fitzgerald Jr.	Feb. 10, 1888	Gift	Very white head & rump.
14348	—	<i>Agriothus linaria</i>	♀	"	Jan'y 27, "	"	S. W. Denton	S. W. Denton	"	"	First one in the flesh. Exact data lost.
14349	—	<i>Pelonetta prosopillata</i>	♂ ad.	"	May 1887	"	Chas. Fowler	"	May, 1888	"	



Catalogue number

Name

Sex and age

Taken at or near

Date of capture

Taken by

Skinned by

Received from

When received

By

Remarks

Catalogued by I. H. Denton.

Catalogue number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
14400	<i>Merula confinis</i> (Bd.)	♂	Sierra de la Laguna, Lower Cal.	May 5, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
14401	"	♂	"	"	"	"	"	"	"	
14402	"	♂	"	"	"	"	"	"	"	
14403	"	♂	"	"	"	"	"	"	"	
14404	"	♂	"	"	"	"	"	"	"	
14405	"	♂	"	"	"	"	"	"	"	
14406	"	♂	"	"	"	"	"	"	"	
14407	"	♂	"	"	"	"	"	"	"	
14408	"	♂	"	"	"	"	"	"	"	
14409	"	♂	"	"	"	"	"	"	"	
14410	"	♂	"	"	"	"	"	"	"	
14411	"	♂	"	"	"	"	"	"	"	
14412	"	♂	"	"	"	"	"	"	"	
14413	"	♂	"	"	"	"	"	"	"	
14414	"	♂	"	"	"	"	"	"	"	
14415	"	♂	"	"	"	"	"	"	"	
14416	"	♂	"	"	"	"	"	"	"	
14417	"	♂	"	"	"	"	"	"	"	
14418	"	♂	"	"	"	"	"	"	"	
14419	"	♂	"	"	"	"	"	"	"	
14420	"	♂	"	"	"	"	"	"	"	
14421	"	♂	"	"	"	"	"	"	"	
14422	"	♂	"	"	"	"	"	"	"	
14423	"	♂	"	"	"	"	"	"	"	
14424	"	♂	"	"	"	"	"	"	"	
14425	"	♂	"	"	"	"	"	"	"	
14426	"	♂	"	"	"	"	"	"	"	
14427	"	♂	"	"	"	"	"	"	"	
14428	"	♂	"	"	"	"	"	"	"	
14429	"	♂	"	"	"	"	"	"	"	
14430	"	♂	"	"	"	"	"	"	"	
14431	"	♂	"	"	"	"	"	"	"	
14432	"	♂	"	"	"	"	"	"	"	
14433	"	♂	"	"	"	"	"	"	"	
14434	"	♂	"	"	"	"	"	"	"	
14435	"	♂	"	"	"	"	"	"	"	
14436	"	♂	"	"	"	"	"	"	"	
14437	"	♂	"	"	"	"	"	"	"	
14438	"	♂	"	"	"	"	"	"	"	
14439	"	♂	"	"	"	"	"	"	"	
14440	"	♂	"	"	"	"	"	"	"	
14441	"	♂	"	"	"	"	"	"	"	
14442	"	♂	"	"	"	"	"	"	"	
14443	"	♂	"	"	"	"	"	"	"	
14444	"	♂	"	"	"	"	"	"	"	
14445	"	♂	"	"	"	"	"	"	"	
14446	"	♂	"	"	"	"	"	"	"	
14447	"	♂	"	"	"	"	"	"	"	
14448	"	♂	"	"	"	"	"	"	"	
14449	"	♂	"	"	"	"	"	"	"	



Catalogue Original  
number number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

Skinned by

Received from

When received

By

Remarks.

14450	<i>Merula Coenensis, Baird.</i>	♂	Sierra de la Laguna, Lower Guala	Apr. 30, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase
14451	"	♂	"	Nov. 30	"	"	"	"	"
14452	"	♂	"	Dec. 2	"	"	"	"	"
14453	"	♂	"	2	"	"	"	"	"
14454	"	♂	"	May 11	"	"	"	"	"
14455	"	♂	"	7	"	"	"	"	"
14456	"	♂	"	Apr. 30	"	"	"	"	"
14457	"	♂	"	May 24	"	"	"	"	"
14458	"	♂	"	June 1	"	"	"	"	"
14459	"	♂	"	May 2	"	"	"	"	"
14460	"	♂	"	7	"	"	"	"	"
14461	"	♂	"	Nov. 28	"	"	"	"	"
14462	"	♂	"	May 5	"	"	"	"	"
14463	"	♂	"	28	"	"	"	"	"
14464	"	♂	"	9	"	"	"	"	"
14465	"	♂	"	7	"	"	"	"	"
14466	"	♂	"	April 29	"	"	"	"	"
14467	"	♂	"	Dec 2	"	"	"	"	"
14468	"	♂	"	May 20	"	"	"	"	"
14469	"	♂	"	Apr 30	"	"	"	"	"
14470	"	♂	"	4	"	"	"	"	"
14471	"	♂	"	May 13	"	"	"	"	"
14472	"	♂	"	3	"	"	"	"	"
14473	"	♂	"	26	"	"	"	"	"
14474	"	♂	"	7	"	"	"	"	"
14475	"	♂	"	10	"	"	"	"	"
14476	"	♂	"	4	"	"	"	"	"
14477	"	♂	"	13	"	"	"	"	"
14478	"	♂	"	10	"	"	"	"	"
14479	"	♂	"	23	"	"	"	"	"
14480	"	♂	"	28	"	"	"	"	"
14481	"	♂	"	18	"	"	"	"	"
14482	"	♂	"	14	"	"	"	"	"
14483	"	♂	"	Apr 29	"	"	"	"	"
14484	"	♂	"	27	"	"	"	"	"
14485	"	♂	"	24	"	"	"	"	"
14486	"	♂	"	30	"	"	"	"	"
14487	"	♂	"	27	"	"	"	"	"
14488	"	♂	"	24	"	"	"	"	"
14489	"	♂	"	June 4	"	"	"	"	"
14490	"	♂	"	8	"	"	"	"	"
14491	"	♂	San José del Rancho, Lower Guala	Dec 22	"	"	"	"	"
14492	"	♂	"	"	"	"	"	"	"
14493	"	♂	"	21	"	"	"	"	"
14494	"	♂	"	"	"	"	"	"	"
14495	"	♂	"	20	"	"	"	"	"
14496	"	♂	"	23	"	"	"	"	"
14497	"	♂	"	21	"	"	"	"	"
14498	"	♂	"	23	"	"	"	"	"
14499	"	♂	"	"	"	"	"	"	"

Baird  
H. K. C.

Catalogued by *G. H. Denton.*Catalogue Original  
number number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

Skinned by

Received from

When received By

Remarks.

14500	<i>Merula confinis</i> , Baird.	♂	San Jose del Rancho, Lower Cal.	Dec. 23, 1887	Mr. Abbott Inge	Mr. Abbott Inge	Mr. Abbott Inge	1887	Purchase
14501	"	♀	"	"	"	"	"	"	"
14502	"	♀	"	"	"	"	"	"	"
14503	"	♀	"	"	"	"	"	"	"
14504	"	♀	"	"	"	"	"	"	"
14505	"	♀	"	"	"	"	"	"	"
14506	"	♀	"	"	"	"	"	"	"
14507	"	♀	"	"	"	"	"	"	"
14508	"	♀	"	"	"	"	"	"	"
14509	"	♀	"	"	"	"	"	"	"
14510	"	♀	"	"	"	"	"	"	"
14511	"	♀	San Jose del Rancho, Lower Cal.	July 13.	"	"	"	"	"
14512	"	♀	"	"	"	"	"	"	"
14513	<i>Turdus auduboni</i> , Bol.	♂	Sierra de la Laguna, Lower Cal.	May 11.	"	"	"	"	"
14514	"	♂	"	"	"	"	"	"	"
14515	"	♀	"	"	"	"	"	"	"
14516	"	♀	"	"	"	"	"	"	"
14517	"	♀	"	June 3	"	"	"	"	"
14518	"	♀	"	May 31	"	"	"	"	"
14519	<i>Turdus ustulatus</i> , Nutt.	♂	"	"	"	"	"	"	"
14520	"	♂	"	"	"	"	"	"	"
14521	"	♂	"	"	"	"	"	"	"
14522	"	♂	"	"	"	"	"	"	"
14523	"	♀	Triunfo, Lower Cal.	June 13	"	"	"	"	"
14524	<i>aonalahkai</i> Emel.	♂	Sierra de la Laguna Lower Cal.	Apr. 27	"	"	"	"	"
14525	"	♂	La Paz, Lower Cal.	Feb. 4	"	"	"	"	"
14526	"	♂	Sierra de la Laguna Lower Cal.	Apr. 30.	"	"	"	"	"
14527	"	♀	Triunfo, Lower Cal.	Dec. 5	"	"	"	"	"
14528	<i>Merula m. propinqua</i>	♂	San Jose del Rancho, Lower Cal.	"	"	"	"	"	"
14529	<i>Mimus polyglottos</i> , Swm.	♀	Triunfo Lower Cal.	Apr. 18	"	"	"	"	"
14530	"	♀	"	Dec 13	"	"	"	"	"
14531	"	♀	San Jose del Rancho, Lower Cal.	"	"	"	"	"	"
14532	"	♂	La Paz, Lower Cal.	Feb. 4	"	"	"	"	"
14533	"	♂	"	"	"	"	"	"	"
14534	"	♂	"	Apr. 4	"	"	"	"	"
14535	"	♂	"	"	"	"	"	"	"
14536	"	♂	"	"	"	"	"	"	"
14537	"	♂	"	Feb. 23	"	"	"	"	"
14538	"	♀	"	"	"	"	"	"	"
14539	"	♀	"	"	"	"	"	"	"
14540	"	♀	"	"	"	"	"	"	"
14541	"	♂	San Jose del Rancho, Lower Cal.	Oct 21	"	"	"	"	"
14542	"	♂	"	"	"	"	"	"	"
14543	"	♂	"	"	"	"	"	"	"
14544	"	♂	"	"	"	"	"	"	"
14545	"	♂	"	"	"	"	"	"	"
14546	"	♂	"	"	"	"	"	"	"
14547	"	♂	"	"	"	"	"	"	"
14548	"	♂	"	"	"	"	"	"	"
14549	"	♂	"	"	"	"	"	"	"

Catalogued by S. H. Denton.

Catalogue Original  
number number

Name.

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Age

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Date of capture.

Taken by

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Received from

When received

By

Remarks

14550	<i>Mimus polyglottis</i> , <i>Sinn.</i>	♂	San Jose del Cabo, Lower Cal.	Sept. 27, 1887	M. Abbott	Fraser	M. Abbott	Fraser	M. Abbott	Fraser	1887	Purchase.
14551	"	♀	"	" 29	"	"	"	"	"	"	"	"
14552	"	♀	"	"	"	"	"	"	"	"	"	"
14553	"	♀	"	Oct 26	"	"	"	"	"	"	"	"
14554	"	♀	"	" 17	"	"	"	"	"	"	"	"
14555	"	♀	"	" 26	"	"	"	"	"	"	"	"
14556	"	♀	"	" 25	"	"	"	"	"	"	"	"
14557	"	♀	"	" 14	"	"	"	"	"	"	"	"
14558	"	♀	"	" 17	"	"	"	"	"	"	"	"
14559	"	♀	"	" 15	"	"	"	"	"	"	"	"
14560	"	♀	"	" 21	"	"	"	"	"	"	"	"
14561	"	♀	"	" 27	"	"	"	"	"	"	"	"
14562	"	♀	"	" 26	"	"	"	"	"	"	"	"
14563	"	♀	"	" 21	"	"	"	"	"	"	"	"
14564	<i>Harporhynchus cinereus</i> .	♂	"	" 29	"	"	"	"	"	"	"	"
14565	"	♀	"	" 26	"	"	"	"	"	"	"	"
14566	"	♀	"	Nov 7	"	"	"	"	"	"	"	"
14567	"	♀	"	" 10	"	"	"	"	"	"	"	"
14568	"	♀	"	" 2	"	"	"	"	"	"	"	"
14569	"	♀	"	" 5	"	"	"	"	"	"	"	"
14570	"	♀	"	Oct 25	"	"	"	"	"	"	"	"
14571	"	♀	San Jose del Rancho	July 7	"	"	"	"	"	"	"	"
14572	"	♀	"	" 6	"	"	"	"	"	"	"	"
14573	"	♀	"	" 12	"	"	"	"	"	"	"	"
14574	"	♀	"	" 6	"	"	"	"	"	"	"	"
14575	"	♀	Santiago	Nov 17	"	"	"	"	"	"	"	"
14576	"	♀	"	" 22	"	"	"	"	"	"	"	"
14577	"	♀	"	" 18	"	"	"	"	"	"	"	"
14578	"	♀	"	" 15	"	"	"	"	"	"	"	"
14579	"	♀	"	" 17	"	"	"	"	"	"	"	"
14580	"	♀	"	" 22	"	"	"	"	"	"	"	"
14581	"	♀	"	" 22	"	"	"	"	"	"	"	"
14582	"	♀	La Paz	Apr. 5	"	"	"	"	"	"	"	"
14583	"	♀	"	" 6	"	"	"	"	"	"	"	"
14584	"	♀	"	" 4	"	"	"	"	"	"	"	"
14585	"	♀	"	Feb. 5	"	"	"	"	"	"	"	"
14586	"	♀	"	Mar 24	"	"	"	"	"	"	"	"
14587	"	♀	"	" 26	"	"	"	"	"	"	"	"
14588	"	♀	"	" 24	"	"	"	"	"	"	"	"
14589	"	♀	"	" 26	"	"	"	"	"	"	"	"
14590	"	♀	"	" 22	"	"	"	"	"	"	"	"
14591	"	♀	"	" 4	"	"	"	"	"	"	"	"
14592	"	♀	"	Feb. 4	"	"	"	"	"	"	"	"
14593	"	♀	"	" 24	"	"	"	"	"	"	"	"
14594	"	♀	"	" 7	"	"	"	"	"	"	"	"
14595	"	♀	"	" 23	"	"	"	"	"	"	"	"
14596	"	♀	"	Apr. 4	"	"	"	"	"	"	"	"
14597	"	♀	"	" 5	"	"	"	"	"	"	"	"
14598	"	♀	"	" 6	"	"	"	"	"	"	"	"
14599	"	♀	"	Feb 23	"	"	"	"	"	"	"	"

(In Ex. to G. N. Willson.)

Catalogue Original  
number number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

Skinned by

Received from

When received

By

Remarks.

14600	<i>Harporhynchus cinereus</i>	♀	La Paz, Lower Cal.	Feb. 9 1887	M. Abbott Fragar	M. Abbott Fragar	M. Abbott Fragar	1887	Purchase
14601	"	♀	"	" 5	"	"	"	"	"
14602	"	♀	"	" 9	"	"	"	"	"
14603	"	♀	"	" 18	"	"	"	"	"
14604	"	♀	"	" 16	"	"	"	"	"
14605	"	♀	"	" 23	"	"	"	"	"
14606	"	♀	"	" 11	"	"	"	"	"
14607	"	♀	"	" 11	"	"	"	"	"
14608	"	♀	"	Mar. 22	"	"	"	"	"
14609	"	♀	"	" 26	"	"	"	"	"
14610	"	♀	"	" 24	"	"	"	"	"
14611	"	♀	"	Apr. 4	"	"	"	"	"
14612	"	♀	"	" 4	"	"	"	"	"
14613	"	♀	"	" 6	"	"	"	"	"
14614	"	♀	"	Jan. 11 1888	"	"	"	1888	"
14615	"	♂	Triunfo	June 20 1887	"	"	"	1887	"
14616	"	♂	"	" 21	"	"	"	"	"
14617	"	♂	"	Dec. 17	"	"	"	"	"
14618	"	♂	"	" 14	"	"	"	"	"
14619	"	♂	"	" 18	"	"	"	"	"
14620	"	♂	"	" 26	"	"	"	"	"
14621	"	♂	San Jose del Rancho	" 20	"	"	"	"	"
14622	"	♂	Triunfo	Apr. 11	"	"	"	"	"
14623	"	♂	"	" 13	"	"	"	"	"
14624	"	♂	"	" 18	"	"	"	"	"
14625	"	♂	"	"	"	"	"	"	"
14626	"	♂	"	June 21	"	"	"	"	"
14627	"	♀	"	" 24	"	"	"	"	"
14628	"	♀	"	" 25	"	"	"	"	"
14629	"	♀	"	" 27	"	"	"	"	"
14630	"	♀	"	" 28	"	"	"	"	"
14631	"	♀	"	" 23	"	"	"	"	"
14632	"	♀	"	" 16	"	"	"	"	"
14633	"	♀	San Jose del Rancho	Dec. 26	"	"	"	"	"
14634	"	♀	Triunfo	" 23	"	"	"	"	"
14635	"	♀	"	" 17	"	"	"	"	"
14636	"	♀	"	" 14	"	"	"	"	"
14637	"	♀	"	"	"	"	"	"	"
14638	"	♀	"	"	"	"	"	"	"
14639	"	♀	"	April 11	"	"	"	"	"
14640	"	♀	"	"	"	"	"	"	"
14641	"	♀	"	"	"	"	"	"	"
14642	"	♀	"	" 18	"	"	"	"	"
14643	<i>Parus i cineraceus, Ridg.</i>	♂	Sierra de la Laguna, Lower Cal.	May 16	"	"	"	"	"
14644	"	♂	"	" 27	"	"	"	"	"
14645	"	♂	"	" 5	"	"	"	"	"
14646	"	♂	"	" 21	"	"	"	"	"
14647	"	♂	"	" 27	"	"	"	"	"
14648	"	♂	"	" 26	"	"	"	"	"
14649	"	♂	"	" 13	"	"	"	"	"

Catalogued by *S.M. Denton*.Catalogue Ornith.  
number number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

Skinned by

Received from

When received

By

Remarks.

14650	<i>Parus i. cineraceus</i> , Ridgw.	♂	Sierra de la Laguna, Jerez	Cal May. 10, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
14651	"	♂	"	" 17	"	"	"	"	"	
14652	"	♂	"	" 21	"	"	"	"	"	
14653	"	♂	"	Apr. 30	"	"	"	"	"	
14654	"	♂	"	"	"	"	"	"	"	
14655	"	♂	"	"	"	"	"	"	"	
14656	"	♂	"	" 27	"	"	"	"	"	
14657	"	♂	"	June 2	"	"	"	"	"	
14658	"	♂	"	" 1	"	"	"	"	"	
14659	"	♂	"	Nov. 28	"	"	"	"	"	
14660	"	♂	"	May 2	"	"	"	"	"	
14661	"	♂	"	" 5	"	"	"	"	"	
14662	"	♂	"	" 2	"	"	"	"	"	
14663	"	♂	"	" 23	"	"	"	"	"	
14664	"	♂	"	" 25	"	"	"	"	"	
14665	"	♂	"	" 24	"	"	"	"	"	
14666	"	♂	"	" 12	"	"	"	"	"	
14667	"	♂	"	" 11	"	"	"	"	"	
14668	"	♂	"	June 1	"	"	"	"	"	
14669	"	♂	"	"	"	"	"	"	"	
14670	"	♂	"	Nov. 28	"	"	"	"	"	
14671	"	♂	"	"	"	"	"	"	"	
14672	"	♂	"	"	"	"	"	"	"	
14673	"	♂	"	Apr. 29	"	"	"	"	"	
14674	"	♂	"	" 27	"	"	"	"	"	
14675	"	♂	"	" 30	"	"	"	"	"	
14676	"	♂	"	"	"	"	"	"	"	
14677	<i>Sitta c. aculeata</i> , Less.	♂	"	May 20	"	"	"	"	"	
14678	"	♂	"	" 3	"	"	"	"	"	
14679	"	♂	"	" 14	"	"	"	"	"	
14680	"	♂	"	" 9	"	"	"	"	"	
14681	"	♂	"	" 6	"	"	"	"	"	
14682	"	♂	"	" 21	"	"	"	"	"	
14683	"	♂	"	" 9	"	"	"	"	"	
14684	"	♂	"	" 5	"	"	"	"	"	
14685	"	♂	"	" 24	"	"	"	"	"	
14686	"	♂	"	" 9	"	"	"	"	"	
14687	"	♂	"	" 27	"	"	"	"	"	
14688	"	♂	"	" 5	"	"	"	"	"	
14689	"	♂	"	" 30	"	"	"	"	"	
14690	"	♂	"	" 12	"	"	"	"	"	
14691	"	♂	"	" 5	"	"	"	"	"	
14692	"	♂	"	" 7	"	"	"	"	"	
14693	"	♂	"	" 12	"	"	"	"	"	
14694	"	♂	"	" 7	"	"	"	"	"	
14695	"	♂	"	" 21	"	"	"	"	"	
14696	"	♂	"	Nov. 30	"	"	"	"	"	
14697	"	♂	"	Apr. 29	"	"	"	"	"	
14698	"	♂	"	" 27	"	"	"	"	"	
14699	"	♂	"	"	"	"	"	"	"	

Given to Museum of Comp. Zool., March 1916

Exch. to Carnegie Museum

Exch. to Leningrad

Catalogued by J. H. Denton.

Catalogue Original  
number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

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When received

By

Remarks.

14700	<i>Sitta c. aculeata</i> , Cassin.	♀	Sierra de la Laguna, Lower Cal.	May 3 1887	M. Abbott Traylor	M. Abbott Traylor	M. Abbott Traylor	1887	Purchase.	
14701	"	♀	"	30	"	"	"	"	"	
14702	"	♀	"	12	"	"	"	"	"	
14703	"	♀	"	21	"	"	"	"	"	
14704	"	♀	"	6	"	"	"	"	"	
14705	"	♀	"	7	"	"	"	"	"	
14706	"	♀	"	14	"	"	"	"	"	
14707	"	♀	"	28	"	"	"	"	"	Exch. to
14708	"	♀	"	21	"	"	"	"	"	
14709	"	♀	"	June 2	"	"	"	"	"	
14710	"	♀	"	"	"	"	"	"	"	
14711	"	♀	"	Apr 30	"	"	"	"	"	
14712	"	♀	"	Nov 29	"	"	"	"	"	
14713	<i>Arriparus flaviceps</i> Sund.	♂	San Jose del Cabo, Lower Cal.	" 11	"	"	"	"	"	
14714	"	♂	"	" 7	"	"	"	"	"	
14715	"	♂	"	" 3	"	"	"	"	"	Exch. to H. H. Bailey
14716	"	♂	"	" 11	"	"	"	"	"	
14717	"	♂	"	" 7	"	"	"	"	"	
14718	"	♂	"	" 10	"	"	"	"	"	
14719	"	♀	"	" 7	"	"	"	"	"	Exch. to H. H. Bailey
14720	"	♀	"	" 10	"	"	"	"	"	
14721	"	♀	"	Oct 31	"	"	"	"	"	
14722	"	♂	"	Apr 18	"	"	"	"	"	
14723	"	♂	"	" 23	"	"	"	"	"	
14724	"	♂	"	" 20	"	"	"	"	"	
14725	"	♂	"	" 13	"	"	"	"	"	
14726	"	♂	"	" 11	"	"	"	"	"	
14727	"	♂	"	" 13	"	"	"	"	"	
14728	"	♂	"	June 24	"	"	"	"	"	
14729	"	♂	"	"	"	"	"	"	"	
14730	"	♂	"	"	"	"	"	"	"	
14731	"	♂	"	" 23	"	"	"	"	"	
14732	"	♂	"	Dec. 17	"	"	"	"	"	
14733	"	♂	"	"	"	"	"	"	"	
14734	"	♂	"	June 23	"	"	"	"	"	
14735	"	♀	"	Dec. 26	"	"	"	"	"	
14736	"	♀	"	" 14	"	"	"	"	"	
14737	"	♂	La Paz	Mar. 30	"	"	"	"	"	
14738	"	♂	"	" 22	"	"	"	"	"	
14739	"	♂	"	" 30	"	"	"	"	"	
14740	"	♂	"	"	"	"	"	"	"	
14741	"	♂	"	Feb. 18	"	"	"	"	"	
14742	"	♂	"	" 7	"	"	"	"	"	
14743	"	♂	"	" 5	"	"	"	"	"	
14744	"	♂	"	" 18	"	"	"	"	"	
14745	"	♂	"	" 5	"	"	"	"	"	
14746	"	♂	"	" 18	"	"	"	"	"	
14747	"	♂	"	"	"	"	"	"	"	
14748	"	♂	"	" 23	"	"	"	"	"	
14749	"	♂	"	" 11	"	"	"	"	"	

Nat. Hist.



Catalogue Original  
number number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

Skinned by

Received from

When received

By

Remarks.

14750	<i>Curiparus flaviceps</i> Sund	♀	La Paz, Lower Cal.	Feb. 18, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
14751	"	(♂)!	"	7	"	"	"	"	"	
14752	"	"	"	Mar 30	"	"	"	"	"	
14753	"	"	"	"	"	"	"	"	"	
14754	"	"	"	23	"	"	"	"	"	
14755	"	"	"	Apr. 5	"	"	"	"	"	
14756	"	"	Santiago	Nov. 25	"	"	"	"	"	
14757	"	"	"	22	"	"	"	"	"	
14758	<i>Psaltiriparus m. grindae.</i>	♂	Siradi la Laguna, Lower Cal.	May 16	"	"	"	"	"	
14759	"	♂	"	30	"	"	"	"	"	
14760	"	♂	"	5	"	"	"	"	"	
14761	"	♂	"	"	"	"	"	"	"	
14762	"	♂	"	13	"	"	"	"	"	
14763	"	♂	"	30	"	"	"	"	"	
14764	"	♂	"	25	"	"	"	"	"	
14765	"	♂	"	23	"	"	"	"	"	
14766	"	♂	"	31	"	"	"	"	"	
14767	"	♂	"	5	"	"	"	"	"	
14768	"	♂	"	"	"	"	"	"	"	
14769	"	♂	"	"	"	"	"	"	"	
14770	"	♂	"	28	"	"	"	"	"	
14771	"	♂	"	12	"	"	"	"	"	
14772	"	♂	"	28	"	"	"	"	"	
14773	"	♂	"	27	"	"	"	"	"	
14774	"	♂	"	"	"	"	"	"	"	
14775	"	♂	"	24	"	"	"	"	"	
14776	"	♂	"	12	"	"	"	"	"	
14777	"	♂	"	"	"	"	"	"	"	
14778	"	♂	"	5	"	"	"	"	"	
14779	"	♂	"	"	"	"	"	"	"	
14780	"	♂	"	26	"	"	"	"	"	
14781	"	♂	"	27	"	"	"	"	"	
14782	"	♂	"	28	"	"	"	"	"	
14783	"	♂	"	28	"	"	"	"	"	
14784	"	♂	"	26	"	"	"	"	"	
14785	"	♂	"	"	"	"	"	"	"	
14786	"	♂	"	28	"	"	"	"	"	
14787	"	♂	"	Apr 27	"	"	"	"	"	
14788	"	♂	"	"	"	"	"	"	"	
14789	"	♂	"	Apr 28	"	"	"	"	"	
14790	"	♂	"	June 1	"	"	"	"	"	
14791	"	♂	"	"	"	"	"	"	"	
14792	"	♂	"	"	"	"	"	"	"	
14793	"	♂	"	"	"	"	"	"	"	
14794	"	♂	"	3	"	"	"	"	"	
14795	"	♂	"	1	"	"	"	"	"	
14796	"	♂	"	May 4	"	"	"	"	"	
14797	"	♂	"	12	"	"	"	"	"	
14798	"	♂	"	"	"	"	"	"	"	
14799	"	♂	"	31	"	"	"	"	"	

Catalogue number	Original number	Name.	Sex and age	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
14800		<i>Saltriparus m. griseus</i>	♂	Sierra de la Laguna, Lower End.	May 11, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
14801		"	♂	"	" 28	"	"	"	"	"	
14802		"	♂	"	" 27	"	"	"	"	"	
14803		"	♂	"	" 31	"	"	"	"	"	
14804		"	♂	"	" 26	"	"	"	"	"	
14805		"	♂	"	" 28	"	"	"	"	"	
14806		"	♂	"	"	"	"	"	"	"	Sent as gift to John E. Thayer, March 31, 1905.
14807		"	♂	"	"	"	"	"	"	"	
14808		"	♂	"	" 27	"	"	"	"	"	
14809		"	♂	"	" 24	"	"	"	"	"	
14810		"	♂	"	" 26	"	"	"	"	"	
14811		"	♂	"	" 24	"	"	"	"	"	
14812		"	♂	"	" 16	"	"	"	"	"	
14813		"	♂	"	June 3	"	"	"	"	"	
14814		"	♂	"	"	"	"	"	"	"	
14815		"	♂	"	"	"	"	"	"	"	
14816		"	♂	"	" 1	"	"	"	"	"	
14817		"	♂	"	" 3	"	"	"	"	"	
14818		"	♂	"	" 1	"	"	"	"	"	
14819		"	♂	"	Aug. 28	"	"	"	"	"	
14820		"	♂	"	Apr. 30	"	"	"	"	"	
14821		"	♂	"	"	"	"	"	"	"	
14822		"	♂	San Jose del Rancho	July 21	"	"	"	"	"	
14823		"	♂	"	" 25	"	"	"	"	"	
14824		"	♂	"	" 6	"	"	"	"	"	
14825		"	♂	"	" 28	"	"	"	"	"	Sent as gift to John E. Thayer, March 31, 1905.
14826		"	♂	"	" 22	"	"	"	"	"	
14827		"	♂	"	" 28	"	"	"	"	"	
14828		"	♂	"	"	"	"	"	"	"	
14829		"	♂	"	"	"	"	"	"	"	
14830		"	♂	"	" 26	"	"	"	"	"	
14831		"	♂	"	" 27	"	"	"	"	"	
14832		"	♂	"	" 22	"	"	"	"	"	
14833		"	♂	"	" 27	"	"	"	"	"	
14834		"	♂	"	" 26	"	"	"	"	"	
14835		"	♂	"	"	"	"	"	"	"	
14836		"	♂	"	" 14	"	"	"	"	"	
14837		<i>Polioptila caerulea, obscura</i>	♂	"	July 5	"	"	"	"	"	
14838		"	♂	"	" 6	"	"	"	"	"	
14839		"	♂	San Jose del Cabo	Oct. 31	"	"	"	"	"	
14840		"	♂	"	" 17	"	"	"	"	"	
14841		"	♂	"	" 28	"	"	"	"	"	
14842		"	♂	"	Nov. 11	"	"	"	"	"	
14843		"	♂	Sierra de la Laguna	Apr. 27	"	"	"	"	"	
14844		"	♂	"	May 23	"	"	"	"	"	
14845		"	♂	"	"	"	"	"	"	"	
14846		"	♂	La Paz	Feb. 5	"	"	"	"	"	
14847		"	♂	"	" 7	"	"	"	"	"	
14848		"	♂	"	" 11	"	"	"	"	"	
14849		"	♂	"	" 5	"	"	"	"	"	

Catalogued by *S. M. Denton*.

Catalogue number	Original number	Name.	Sex and age	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.	
14850		<i>Polioptila caerulea, obscura</i>	♂	La Paz	Lower Cal.	Feb. 16, 1887	M. Abbott	Trazar	M. Abbott	Trazar	1887	Purchase
14851		"	♂	Triunfo	"	Apr. 11	"	"	"	"	"	
14852		"	♂	"	"	" 13	"	"	"	"	"	
14853		"	♂	"	"	" 11	"	"	"	"	"	
14854		"	♂	"	"	"	"	"	"	"	"	
14855		"	♂	"	"	"	"	"	"	"	"	
14856		"	♂	"	"	"	"	"	"	"	"	
14857		"	♂	Santiago.	"	Nov. 25	"	"	"	"	"	
14858		"	♂	"	"	" 22	"	"	"	"	"	
14859		" <i>obscura</i>	♂	Sierritas	Mexico	Jan. 15	"	"	"	"	"	
14860		"	♂	"	"	" 14	"	"	"	"	"	
14861		"	♂	"	"	" 17	"	"	"	"	"	
14862		<i>Polioptila caerulea obscura</i>	♂	Triunfo	Lower Cal.	Dec. 14	"	"	"	"	"	
14863		"	♂	"	"	" 8	"	"	"	"	"	
14864		"	♂	"	"	" 13	"	"	"	"	"	Sent in exchange to Philadelphia Academy
14865		"	♂	"	"	" 15	"	"	"	"	"	Label
14866		"	♂	"	"	"	"	"	"	"	"	
14867		"	♂	"	"	" 8	"	"	"	"	"	
14868		"	♂	"	"	" 15	"	"	"	"	"	
14869		"	♂	"	"	" 9	"	"	"	"	"	
14870		"	♂	"	"	" 14	"	"	"	"	"	Sent in exchange to Philadelphia Academy
14871		<i>Polioptila plumbea, Bd.</i>	♂	La Paz.	"	Mar. 26	"	"	"	"	"	
14872		"	♂	"	"	Feb. 2	"	"	"	"	"	
14873		"	♂	"	"	" 4	"	"	"	"	"	
14874		"	♂	"	"	Apr. 5	"	"	"	"	"	Exchange to Semnigrad
14875		"	♂	"	"	Mar. 22	"	"	"	"	"	
14876		"	♂	"	"	Feb. 5	"	"	"	"	"	
14877		"	♂	"	"	Apr. 6	"	"	"	"	"	
14878		"	♂	San Jose del Cabo	"	Nov. 3	"	"	"	"	"	
14879		"	♂	"	"	" 10	"	"	"	"	"	
14880		"	♂	"	"	" 7	"	"	"	"	"	
14881		"	♂	"	"	Oct. 26	"	"	"	"	"	
14882		"	♂	"	"	Nov. 11	"	"	"	"	"	Exchange to Semnigrad.
14883		"	♂	"	"	Oct. 26	"	"	"	"	"	
14884		<i>Regulus calendula</i>	♂	Sierra de la Laguna	"	Apr. 27	"	"	"	"	"	
14885		"	♂	"	"	Nov. 28	"	"	"	"	"	
14886		"	♂	"	"	" 30	"	"	"	"	"	
14887		"	♂	"	"	" 28	"	"	"	"	"	
14888		<i>Cistothorus p. paludicola</i>	♂	San Jose del Cabo	"	Oct. 3	"	"	"	"	"	
14889		"	♂	"	"	"	"	"	"	"	"	
14890		"	♂	"	"	" 19	"	"	"	"	"	
14891		"	♂	"	"	"	"	"	"	"	"	
14892		"	♂	"	"	"	"	"	"	"	"	
14893		"	♂	"	"	"	"	"	"	"	"	
14894		"	♂	"	"	"	"	"	"	"	"	
14895		"	♂	"	"	"	"	"	"	"	"	
14896		"	♂	"	"	" 5	"	"	"	"	"	
14897		"	♂	"	"	"	"	"	"	"	"	
14898		"	♂	"	"	" 11	"	"	"	"	"	
14899		"	♂	"	"	"	"	"	"	"	"	

Sent in exchange to Philadelphia Academy

E. C.

Sent in exchange to Philadelphia Academy

Exchange to Semingrad

Exchange to Semingrad.

Catalogued by J. H. Denton.

Catalogue number	Original number	Name.	Sex and age	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
14900		<i>Cristothorus p. paludicola</i>	♂	San Jose del Centro, Lower Cal.	Oct. 13 1887	M. Abbott Hager	M. Abbott Hager	M. Abbott Hager	1887	Purchase.	
14901		"	♂	"	" 17	"	"	"	"	"	
14902		"	♂	"	" 18	"	"	"	"	"	
14903		"	♂	"	Sep. 29	"	"	"	"	"	
14904		"	♂	"	"	(J. W. G. Berke)	"	"	"	"	
14905		"	♂	"	" 21	"	"	"	"	"	
14906		"	♂	"	" 29	"	"	"	"	"	
14907		"	♂	"	"	"	"	"	"	"	
14908		"	♂	"	" 21	"	"	"	"	"	
14909		"	♂	"	Oct. 19	"	"	"	"	"	
14910		"	♂	"	"	"	"	"	"	"	
14911		"	♂	"	"	"	"	"	"	"	
14912		"	♂	"	" 21	"	"	"	"	"	
14913		"	♂	"	" 18	"	"	"	"	"	
14914		"	♂	"	" 11	"	"	"	"	"	
14915		"	♂	"	"	"	"	"	"	"	
14916		"	♂	"	"	"	"	"	"	"	
14917		"	♂	"	" 3	"	"	"	"	"	
14918		"	♂	"	"	"	"	"	"	"	
14919		"	♂	"	Sep. 28	"	"	"	"	"	
14920		<i>Troglodytes a. aspinosus</i>	♂	"	Oct. 17	"	"	"	"	"	
14921		"	♂	"	"	"	"	"	"	"	
14922		"	♂	"	"	"	"	"	"	"	
14923		"	♂	"	"	"	"	"	"	"	
14924		"	♂	"	"	"	"	"	"	"	
14925		"	♂	"	"	"	"	"	"	"	
14926		"	♂	"	"	"	"	"	"	"	
14927		"	♂	"	"	"	"	"	"	"	
14928		"	♂	"	" 20	"	"	"	"	"	
14929		"	♂	"	" 30	"	"	"	"	"	
14930		"	♂	"	" 4	"	"	"	"	"	
14931		"	♂	"	"	"	"	"	"	"	
14932		"	♂	"	" 13	"	"	"	"	"	
14933		"	♂	"	" 7	"	"	"	"	"	
14934		"	♂	"	" 10	"	"	"	"	"	
14935		"	♂	"	" 2	"	"	"	"	"	
14936		"	♂	"	" 11	"	"	"	"	"	
14937		"	♂	"	" 5	"	"	"	"	"	
14938		"	♂	"	"	"	"	"	"	"	
14939		"	♂	"	" 3	"	"	"	"	"	
14940		"	♂	"	" 1	"	"	"	"	"	
14941		"	♂	"	" 9	"	"	"	"	"	
14942		"	♂	"	Oct. 24	"	"	"	"	"	
14943		"	♂	"	" 21	"	"	"	"	"	
14944		"	♂	"	" 18	"	"	"	"	"	
14945		"	♂	"	" 10	"	"	"	"	"	
14946		"	♂	"	" 28	"	"	"	"	"	
14947		"	♂	"	"	"	"	"	"	"	
14948		"	♂	"	Aug. 23	"	"	"	"	"	
14949		"	♂	"	Sep. 7	"	"	"	"	"	

These are the specimens of the species of the genus *Troglodytes* that I have seen in the collection of the U. S. National Museum. I have seen them in the collection of the U. S. National Museum. I have seen them in the collection of the U. S. National Museum.

To S. J. J.

Catalogue Original number number	Name.	Sex and age	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
14950	<i>Campylorhynchus affinis.</i>	♀	San Jose del Cato, Lower California	Nov. 8 1887	M. Abbott Hazen	M. Abbott Hazen	M. Abbott Hazen	1887	Purchase	
14951	"	"	" " " "	" 3 "	" " "	" " "	" " "	"	"	
14952	"	"	" " " "	" 10 "	" " "	" " "	" " "	"	"	
14953	"	"	" " " "	" 4 "	" " "	" " "	" " "	"	"	
14954	"	"	" " " "	" 7 "	" " "	" " "	" " "	"	"	
14955	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14956	"	"	" " " "	" Oct. 28 "	" " "	" " "	" " "	"	"	
14957	"	"	" " " "	" 29 "	" " "	" " "	" " "	"	"	
14958	"	"	" " " "	" Aug. 24 "	" " "	" " "	" " "	"	"	
14959	"	"	Triunfo,	" Dec. 14 "	" " "	" " "	" " "	"	"	
14960	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14961	"	"	" " " "	" 5 "	" " "	" " "	" " "	"	"	
14962	"	"	" " " "	" 17 "	" " "	" " "	" " "	"	"	
14963	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14964	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14965	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14966	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14967	"	"	" " " "	" 26 "	" " "	" " "	" " "	"	"	
14968	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14969	"	"	" " " "	" 9 "	" " "	" " "	" " "	"	"	
14970	"	"	" " " "	" 12 "	" " "	" " "	" " "	"	"	
14971	"	"	" " " "	" Apr. 11 "	" " "	" " "	" " "	"	"	
14972	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14973	"	"	" " " "	" 18 "	" " "	" " "	" " "	"	"	
14974	"	"	" " " "	" 15 "	" " "	" " "	" " "	"	"	
14975	"	"	" " " "	" 18 "	" " "	" " "	" " "	"	"	
14976	"	"	" " " "	" June 15 "	" " "	" " "	" " "	"	"	
14977	"	"	" " " "	" 24 "	" " "	" " "	" " "	"	"	
14978	"	"	" " " "	" Dec. 17 "	" " "	" " "	" " "	"	"	
14979	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14980	"	"	" " " "	" 7 "	" " "	" " "	" " "	"	"	
14981	"	"	" " " "	" 12 "	" " "	" " "	" " "	"	"	
14982	"	"	" " " "	" 6 "	" " "	" " "	" " "	"	"	
14983	"	"	" " " "	" 8 "	" " "	" " "	" " "	"	"	
14984	"	"	" " " "	" Apr. 11 "	" " "	" " "	" " "	"	"	Ears - like <i>D. macrura</i> .
14985	"	"	" " " "	" June 24 "	" " "	" " "	" " "	"	"	
14986	"	"	" " " "	" 28 "	" " "	" " "	" " "	"	"	
14987	"	"	" " " "	" 24 "	" " "	" " "	" " "	"	"	
14988	"	"	La Paz,	" Feb. 7 "	" " "	" " "	" " "	"	"	
14989	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14990	"	"	" " " "	" 4 "	" " "	" " "	" " "	"	"	Like <i>D. macrura</i> .
14991	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	(See Expts. G. H. Mather.)
14992	"	"	" " " "	" 18 "	" " "	" " "	" " "	"	"	
14993	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14994	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14995	"	"	" " " "	" 11 "	" " "	" " "	" " "	"	"	Lgt. to Smith's den.
14996	"	"	" " " "	" 23 "	" " "	" " "	" " "	"	"	
14997	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14998	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	
14999	"	"	" " " "	" " "	" " "	" " "	" " "	"	"	H. H. W. Brewster.

Catalogue number	Original number	Name.	Sex and age	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks
15000		<i>Campylorhynchus affinis.</i>	♂	La Paz, Lower Cal.	Jan. 11, 1888	M. Abbott Hrazar	M. Abbott Hrazar	M. Abbott Hrazar	1888	Purchase	
15001		"	♂	"	"	"	"	"	"	"	
15002		"	♂	"	Apr. 4, 1887	"	"	"	1887	"	
15003		"	♂	"	"	"	"	"	"	"	
15004		"	♂	"	"	"	"	"	"	"	
15005		"	♂	"	"	"	"	"	"	"	
15006		"	♂	"	"	"	"	"	"	"	
15007		"	♂	"	"	"	"	"	"	"	
15008		"	♂	"	Mar. 26	"	"	"	"	"	
15009		"	♂	"	"	"	"	"	"	"	
15010		"	♂	"	"	"	"	"	"	"	
15011		"	♂	"	"	"	"	"	"	"	
15012		"	♂	"	"	"	"	"	"	"	
15013		"	♂	"	"	"	"	"	"	"	
15014		"	♂	"	"	"	"	"	"	"	
15015		"	♂	"	"	"	"	"	"	"	
15016		"	♂	"	Jan. 11, 1888	"	"	"	1888	"	
15017		"	♂	"	Feb. 23, 1887	"	"	"	1887	"	
15018		"	♂	"	"	"	"	"	"	"	
15019		"	♂	"	"	"	"	"	"	"	
15020		"	♂	"	"	"	"	"	"	"	
15021		"	♂	"	"	"	"	"	"	"	
15022		"	♂	"	"	"	"	"	"	"	
15023		"	♂	"	Mar. 24	"	"	"	"	"	
15024		"	♂	"	"	"	"	"	"	"	
15025		"	♂	"	Apr. 6	"	"	"	"	"	
15026		"	♂	Santiago.	Nov. 27	"	"	"	"	"	
15027		"	♂	"	"	"	"	"	"	"	
15028		"	♂	"	"	"	"	"	"	"	
15029		"	♂	"	"	"	"	"	"	"	
15030		"	♂	"	"	"	"	"	"	"	
15031		"	♂	"	"	"	"	"	"	"	
15032		"	♂	"	"	"	"	"	"	"	
15033		"	♂	"	"	"	"	"	"	"	
15034		"	♂	"	"	"	"	"	"	"	
15035		"	♂	"	"	"	"	"	"	"	
15036		"	♂	"	"	"	"	"	"	"	
15037		"	♂	"	"	"	"	"	"	"	
15038		"	♂	"	"	"	"	"	"	"	
15039		"	♂	"	"	"	"	"	"	"	
15040		"	♂	"	"	"	"	"	"	"	
15041		<i>Arcturus pensylvanicus.</i>	♂	San José del Cabo,	Oct. 27	"	"	"	"	"	
15042		"	♂	"	"	"	"	"	"	"	
15043		"	♂	"	"	"	"	"	"	"	
15044		"	♂	"	"	"	"	"	"	"	
15045		"	♂	"	"	"	"	"	"	"	
15046		"	♂	"	"	"	"	"	"	"	
15047		"	♂	"	"	"	"	"	"	"	
15048		"	♂	"	"	"	"	"	"	"	
15049		"	♂	"	"	"	"	"	"	"	



Catalogue Original  
number number

Name.

Sex and  
age

Taken at or near.

Date of capture. Taken by

Received from

When received by

Received from

Received from

Received by M. Q. Martin

15050	<i>Anthus pensylvanicus.</i>	♂	San Jose del Cabo, Lower Cal.	Oct. 20, 1887	M. Abbott Ezquer	M. Abbott Ezquer	M. Abbott Ezquer	1887	Purchase
15051	"	♂	"	" 27	"	"	"	"	"
15052	"	♂	"	"	"	"	"	"	"
15053	"	♂	"	"	"	"	"	"	"
15054	"	♂	"	"	"	"	"	"	"
15055	"	♂	"	"	"	"	"	"	"
15056	"	♂	"	"	"	"	"	"	"
15057	"	♂	"	"	"	"	"	"	"
15058	"	♂	"	"	"	"	"	"	"
15059	"	♂	"	" 24	"	"	"	"	"
15060	"	♂	"	"	"	"	"	"	"
15061	"	♂	"	"	"	"	"	"	"
15062	"	♂	"	"	"	"	"	"	"
15063	"	♂	"	"	"	"	"	"	"
15064	"	♂	"	"	"	"	"	"	"
15065	"	♂	"	" 20	"	"	"	"	"
15066	"	♂	"	"	"	"	"	"	"
15067	"	♂	"	"	"	"	"	"	"
15068	"	♂	"	" 20	"	"	"	"	"
15069	"	♂	"	"	"	"	"	"	"
15070	"	♂	"	"	"	"	"	"	"
15071	"	♂	"	"	"	"	"	"	"
15072	"	♂	"	"	"	"	"	"	"
15073	"	♂	"	"	"	"	"	"	"
15074	<i>Dendroica auduboni.</i>	♂	"	"	"	"	"	"	"
15075	<i>Dendroica auduboni</i>	♂	"	"	"	"	"	"	"
15076	"	♂	"	"	"	"	"	"	"
15077	"	♂	"	"	"	"	"	"	"
15078	"	♂	"	"	"	"	"	"	"
15079	"	♂	"	"	"	"	"	"	"
15080	"	♂	"	"	"	"	"	"	"
15081	"	♂	"	"	"	"	"	"	"
15082	"	♂	"	"	"	"	"	"	"
15083	"	♂	"	"	"	"	"	"	"
15084	<i>b. castaneiceps.</i>	♂	"	"	"	"	"	"	"
15085	"	♂	"	"	"	"	"	"	"
15086	"	♂	"	"	"	"	"	"	"
15087	"	♂	"	"	"	"	"	"	"
15088	"	♂	"	"	"	"	"	"	"
15089	"	♂	"	"	"	"	"	"	"
15090	"	♂	"	"	"	"	"	"	"
15091	"	♂	"	"	"	"	"	"	"
15092	<i>aestiva</i>	♂	"	"	"	"	"	"	"
15093	"	♂	"	"	"	"	"	"	"
15094	"	♂	"	"	"	"	"	"	"
15095	"	♂	"	"	"	"	"	"	"
15096	"	♂	"	"	"	"	"	"	"
15097	<i>sonorana</i>	♂	"	"	"	"	"	"	"
15098	<i>aestiva</i>	♂	"	"	"	"	"	"	"
15099	"	♂	"	"	"	"	"	"	"

Spec. in D. C. Martin

1888  
1887

Catalogue number	Original number	Name.	Sex and age	Taken at or near.	Date of capture.	Taken by	Shipped by	Received from	When received	By	Remarks.
15100		<i>Dendroica a. sonosana</i> .	♂	San Jose del Vato, Lower Galia, Ct.	Oct. 5, 1887	M. Abbott Ingersoll	M. Abbott Ingersoll	M. Abbott Ingersoll	1887	Purchase	
15101		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15102		" " "aestiva"	♂	" " "Santiago"	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15103		" " "nigrescens, Towns."	♂	" " "La Paz"	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15104		" " " "	♂	San Jose del Rancho, "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15105		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15106		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15107		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15108		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15109		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15110		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15111		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15112		<i>Arremonops virens</i> , Linn.	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15113		<i>Dendroica nigrescens</i> .	♂	" " "Triunfo"	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15114		" " " "	♂	Sierra de la Laguna, "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15115		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15116		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15117		<i>Helminthophila c. lutescens</i> .	♂	San Jose del Vato	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15118		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15119		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15120		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15121		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15122		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15123		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15124		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15125		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15126		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15127		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15128		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15129		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15130		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15131		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15132		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15133		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15134		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15135		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15136		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15137		" " " "	♂	San Jose del Rancho	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15138		" " " "	♂	" " "Santiago"	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15139		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15140		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15141		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15142		<i>Sylvania p. pileolata</i> , Pal.	♂	San Jose del Rancho	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15143		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15144		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15145		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15146		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15147		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15148		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
15149		" " " "	♂	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	

All typical

Catalogued By *S. W. Denton*.

Catalogue number	Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15150		<i>Sylvania p. pileolata</i>	♀	San Jose del Cabo, Lower Cal.	Aug. 26, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
15151		"	♀	"	" 25	"	"	"	"	"	
15152		"	♀	"	Oct. 11	"	"	"	"	"	
15153		"	♀	"	"	"	"	"	"	"	
15154		"	♀	"	" 13	"	"	"	"	"	
15155		"	♀	"	Sep. 7	"	"	"	"	"	
15156		"	♀	"	" 30	"	"	"	"	"	
15157		"	♀	Sierra de la Laguna, "	May 31	"	"	"	"	"	
15158		"	♀	"	" 4	"	"	"	"	"	
15159		"	♀	San Jose del Rancho, "	Dec. 23	"	"	"	"	"	
15160		"	♀	"	Nov. 21	"	"	"	"	"	
15161		"	♀	La Paz, "	Feb. 5	"	"	"	"	"	
15162		<i>Geothlypis t. occidentalis</i>	♀	San Jose del Cabo	Sep. 12	"	"	"	"	"	
15163		"	♀	"	" 7	"	"	"	"	"	
15164		"	♀	"	" 12	"	"	"	"	"	
15165		"	♀	"	" 21	"	"	"	"	"	
15166		"	♀	"	" 19	"	"	"	"	"	Review to Miss Knapp, March 1916
15167		"	♀	"	" 27	"	"	"	"	"	
15168		"	♀	"	" 29	"	"	"	"	"	
15169		"	♀	"	" 10	"	"	"	"	"	
15170		"	♀	"	" 23	"	"	"	"	"	
15171		"	♀	"	" 30	"	"	"	"	"	
15172		"	♀	"	Oct. 4	"	"	"	"	"	
15173		"	♀	"	Sep. 13	"	"	"	"	"	
15174		"	♀	"	" 22	"	"	"	"	"	
15175		"	♀	"	Oct. 4	"	"	"	"	"	
15176		"	♀	"	Aug. 25	"	"	"	"	"	
15177		"	♀	"	Sep. 27	"	"	"	"	"	Review to Knapp, March 1916
15178		"	♀	"	Aug. 29	"	"	"	"	"	
15179		"	♀	"	Sep. 3	"	"	"	"	"	
15180		"	♀	"	" 29	"	"	"	"	"	
15181		"	♀	"	" 13	"	"	"	"	"	
15182		"	♀	"	" 12	"	"	"	"	"	
15183		"	♀	"	" 29	"	"	"	"	"	
15184		"	♀	"	" 9	"	"	"	"	"	
15185		"	♀	"	" 22	"	"	"	"	"	
15186		"	♀	"	" 8	"	"	"	"	"	
15187		"	♀	"	Oct. 6	"	"	"	"	"	
15188		"	♀	"	Sep. 12	"	"	"	"	"	
15189		"	♀	"	" 13	"	"	"	"	"	
15190		"	♀	"	" 29	"	"	"	"	"	
15191		"	♀	"	" 3	"	"	"	"	"	
15192		"	♀	"	Oct. 4	"	"	"	"	"	
15193		"	♀	"	" 3	"	"	"	"	"	
15194		"	♀	"	" 8	"	"	"	"	"	
15195		"	♀	"	" 5	"	"	"	"	"	
15196		"	♀	"	Sep. 23	"	"	"	"	"	
15197		"	♀	"	" 3	"	"	"	"	"	
15198		"	♀	"	" 23	"	"	"	"	"	
15199		"	♀	"	" 23	"	"	"	"	"	

Catalogue Original  
number number

Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by.	Skinned by	Received from	When received	By	Remarks.
15200	<i>Geothlypis l. occidentalis</i>	San Jose del Cabo, lower Cal.	Sep. 27, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
15201	"	"	Aug. 27	"	"	"	"	"	
15202	"	"	Sep. 3	"	"	"	"	"	
15203	"	"	17	"	"	"	"	"	
15204	"	La Paz	Mar. 21	"	"	"	"	"	
15205	"	San Jose del Rancho	Dec. 22	"	"	"	"	"	
15206	"	"	"	"	"	"	"	"	
15207	"	San Jose del Cabo	Sep. 1	"	"	"	"	"	
15208	"	"	"	"	"	"	"	"	
15209	"	"	2	"	"	"	"	"	
15210	"	"	"	"	"	"	"	"	
15211	"	"	8	"	"	"	"	"	In exchange to A. W. Anthony Dec. 8, 1896
15212	"	"	"	"	"	"	"	"	
15213	"	"	5	"	"	"	"	"	
15214	"	"	"	"	"	"	"	"	
15215	"	"	7	"	"	"	"	"	
15216	"	"	"	"	"	"	"	"	
15217	"	"	10	"	"	"	"	"	
15218	"	"	"	"	"	"	"	"	
15219	"	"	"	"	"	"	"	"	
15220	"	"	13	"	"	"	"	"	
15221	"	"	"	"	"	"	"	"	
15222	"	"	"	"	"	"	"	"	
15223	"	"	"	"	"	"	"	"	
15224	"	"	"	"	"	"	"	"	
15225	"	"	14	"	"	"	"	"	
15226	"	"	15	"	"	"	"	"	
15227	"	"	"	"	"	"	"	"	Exchanged to C. W. Chamberlain
15228	"	"	20	"	"	"	"	"	
15229	"	"	21	"	"	"	"	"	
15230	"	"	"	"	"	"	"	"	
15231	"	"	22	"	"	"	"	"	Given in exchange to H. K. Cole
15232	"	"	"	"	"	"	"	"	
15233	"	"	23	"	"	"	"	"	
15234	"	"	27	"	"	"	"	"	
15235	"	"	"	"	"	"	"	"	
15236	"	"	28	"	"	"	"	"	
15237	"	"	"	"	"	"	"	"	
15238	"	"	"	"	"	"	"	"	
15239	"	"	"	"	"	"	"	"	
15240	"	"	"	"	"	"	"	"	
15241	"	"	30	"	"	"	"	"	
15242	"	"	Oct. 4	"	"	"	"	"	
15243	"	"	6	"	"	"	"	"	
15244	"	"	8	"	"	"	"	"	
15245	"	"	11	"	"	"	"	"	
15246	"	"	"	"	"	"	"	"	
15247	"	"	"	"	"	"	"	"	
15248	"	"	"	"	"	"	"	"	
15249	"	"	12	"	"	"	"	"	

Catalogued By *S. H. Denton.*

Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
15250		<i>Geothlypis beldingii</i> Ridg.	♂	San Jose del Cabo, Lower Cal.	Oct. 12, 1887	M. Abbott Tragar	M. Abbott Tragar	M. Abbott Tragar	1887	Purchase.	
15251		"	♂	"	13	"	"	"	"	"	
15252		"	♂	"	"	"	"	"	"	"	
15253		"	♂	"	17	"	"	"	"	"	
15254		"	♂	"	"	"	"	"	"	"	
15255		"	♂	"	19	"	"	"	"	"	
15256		"	♂	"	"	"	"	"	"	"	
15257		"	♂	"	21	"	"	"	"	"	
15258		"	♂	"	28	"	"	"	"	"	
15259		"	♂	"	Nov. 11	"	"	"	"	"	
15260		"	♂	"	"	"	"	"	"	"	
15261		"	♂	"	"	"	"	"	"	"	
15262		"	♂	"	Aug. 33	"	"	"	"	"	
15263		"	♂	"	"	"	"	"	"	"	
15264		"	♂	"	25	"	"	"	"	"	
15265		"	♂	"	26	"	"	"	"	"	
15266		"	♂	"	29	"	"	"	"	"	
15267		"	♂	"	"	"	"	"	"	"	
15268		"	♂	"	31	"	"	"	"	"	
15269		"	♂	"	"	"	"	"	"	"	
15270		"	♂	"	Sep. 1	"	"	"	"	"	
15271		"	♂	"	2	"	"	"	"	"	
15272		"	♂	"	"	"	"	"	"	"	
15273		"	♂	"	3	"	"	"	"	"	
15274		"	♂	"	5	"	"	"	"	"	
15275		"	♂	"	"	"	"	"	"	"	
15276		"	♂	"	6	"	"	"	"	"	
15277		"	♂	"	7	"	"	"	"	"	
15278		"	♂	"	12	"	"	"	"	"	
15279		"	♂	"	13	"	"	"	"	"	
15280		"	♂	"	14	"	"	"	"	"	
15281		"	♂	"	15	"	"	"	"	"	
15282		"	♂	"	20	"	"	"	"	"	
15283		"	♂	"	"	"	"	"	"	"	
15284		"	♂	"	21	"	"	"	"	"	
15285		"	♂	"	22	"	"	"	"	"	
15286		"	♂	"	"	"	"	"	"	"	
15287		"	♂	"	23	"	"	"	"	"	
15288		"	♂	"	27	"	"	"	"	"	
15289		"	♂	"	29	"	"	"	"	"	
15290		"	♂	"	30	"	"	"	"	"	
15291		"	♂	"	"	"	"	"	"	"	
15292		"	♂	"	Oct. 4	"	"	"	"	"	
15293		"	♂	"	"	"	"	"	"	"	
15294		"	♂	"	5	"	"	"	"	"	
15295		"	♂	"	11	"	"	"	"	"	
15296		"	♂	"	12	"	"	"	"	"	
15297		"	♂	"	"	"	"	"	"	"	
15298		"	♂	"	13	"	"	"	"	"	
15299		"	♂	"	"	"	"	"	"	"	

Specimen of 15254, 15255

Specimen of 15277, 15278

Specimen of 15280, 15281

Specimen of 15293, 15294

Catalogued By S.W. Denton.

Catalogue Original number	Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by.	Skinned by	Received from	When received	By	Remarks.
15300		<i>Geothlypis beldingi</i> , Ridg.	♀	San Jose del Cabo, Lower Cal.	Oct. 20/88	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	Examine
15301		"	♀	"	21	"	"	"	"	"	
15302		"	♀	"	"	"	"	"	"	"	
15303		"	♀	"	24	"	"	"	"	"	
15304		"	♀	"	28	"	"	"	"	"	
15305		"	♀	"	Aug 25	"	"	"	"	"	
15306		"	♀	"	26	"	"	"	"	"	
15307		"	♀	"	29	"	"	"	"	"	
15308		"	♀	"	30	"	"	"	"	"	
15309		"	♀	"	31	"	"	"	"	"	
15310		"	♀	"	"	"	"	"	"	"	
15311		"	♀	Santiago	Nov. 16	"	"	"	"	"	
15312		"	♀	"	18	"	"	"	"	"	
15313		"	♀	"	19	"	"	"	"	"	
15314		"	♀	"	"	"	"	"	"	"	
15315		"	♀	"	"	"	"	"	"	"	
15316		"	♀	"	"	"	"	"	"	"	
15317		"	♀	"	"	"	"	"	"	"	
15318		"	♀	"	21	"	"	"	"	"	
15319		"	♀	"	"	"	"	"	"	"	
15320		"	♀	"	22	"	"	"	"	"	
15321		"	♀	"	"	"	"	"	"	"	
15322		"	♀	"	23	"	"	"	"	"	
15323		"	♀	"	19	"	"	"	"	"	
15324		"	♀	"	"	"	"	"	"	"	
15325		"	♀	"	"	"	"	"	"	"	
15326		"	♀	"	21	"	"	"	"	"	
15327		"	♀	Triunfo	Apr 21	"	"	"	"	"	
15328		"	♀	"	"	"	"	"	"	"	
15329		"	♀	"	"	"	"	"	"	"	
15330		"	♀	"	June 20	"	"	"	"	"	
15331		"	♀	"	Oct 21	"	"	"	"	"	
15332		"	♀	San Jose del Rancho	Dec. 22	"	"	"	"	"	
15333		<i>macgillivrayi</i> , Aud.	♀	Triunfo	" 9	"	"	"	"	"	miscatalogued in database as #21533
15334		"	♀	San Jose del Rancho	" 20	"	"	"	"	"	
15335		"	♀	"	23	"	"	"	"	"	
15336		"	♀	"	"	"	"	"	"	"	
15337		"	♀	"	"	"	"	"	"	"	
15338		"	♀	Triunfo	"	"	"	"	"	"	
15339		"	♀	"	Apr. 20	"	"	"	"	"	
15340		"	♀	"	Dec. 5	"	"	"	"	"	
15341		"	♀	"	6	"	"	"	"	"	
15342		"	♀	"	14	"	"	"	"	"	
15343		"	♀	San Jose del Rancho	" 21	"	"	"	"	"	
15344		"	♀	"	22	"	"	"	"	"	
15345		"	♀	"	23	"	"	"	"	"	
15346		"	♀	"	"	"	"	"	"	"	
15347		"	♀	Triunfo	" 26	"	"	"	"	"	
15348		"	♀	Santiago	Nov. 15	"	"	"	"	"	
15349		"	♀	La Paz	Feb. 16	"	"	"	"	"	



Catalogue Original number	Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15350		<i>Scirurus x. notabilis</i> , Grinn.	♂	San Jose del Cabo, Lower Cal.	Sep. 12, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
15351		" " " "	♂	" " " "	" 22	" " "	" " "	" " "	" " "	" " "	
15352		" " " "	♂	La Paz	Jan 11, 1888	" " "	" " "	" " "	1888	"	
15353		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15354		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15355		<i>Icterus virens longicauda</i> .	♂	Triunfo	April 24, 1887	" " "	" " "	" " "	1887	"	
15356		" " " "	♂	San Jose del Cabo	Oct. 8	" " "	" " "	" " "	" " "	"	
15357		" " " "	♂	" " " "	" 12	" " "	" " "	" " "	" " "	"	
15358		" " " "	♂	" " " "	Sep 30	" " "	" " "	" " "	" " "	"	
15359		" " " "	♂	" " " "	Oct 8	" " "	" " "	" " "	" " "	"	
15360		" " " "	♂	" " " "	" 13	" " "	" " "	" " "	" " "	"	
15361		" " " "	♂	" " " "	" 25	" " "	" " "	" " "	" " "	"	
15362		" " " "	♂	" " " "	Sep 15	" " "	" " "	" " "	" " "	"	
15363		" " " "	♂	" " " "	" 27	" " "	" " "	" " "	" " "	"	
15364		<i>Progne subis hesperia</i> .	♂	Triunfo	June 11	" " "	" " "	" " "	" " "	"	
15365		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15366		" " " "	♂	" " " "	" 14	" " "	" " "	" " "	" " "	"	
15367		" " " "	♂	" " " "	" 15	" " "	" " "	" " "	" " "	"	Exch. to Denton
15368		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15369		" " " "	♂	" " " "	" 16	" " "	" " "	" " "	" " "	"	
15370		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15371		" " " "	♂	" " " "	" 17	" " "	" " "	" " "	" " "	"	
15372		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15373		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15374		" " " "	♂	" " " "	" 21	" " "	" " "	" " "	" " "	"	
15375		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15376		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15377		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15378		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15379		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	Exch. to Denton
15380		" " " "	♂	" " " "	" 29	" " "	" " "	" " "	" " "	"	
15381		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15382		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15383		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15384		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15385		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15386		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15387		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15388		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15389		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	Exch. to Philadelphia
15390		" " " "	♂	" " " "	" 17	" " "	" " "	" " "	" " "	"	Exch. to Philadelphia
15391		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	Exch. to Philadelphia
15392		" " " "	♂	Sierra de la Laguna	" 6	" " "	" " "	" " "	" " "	"	
15393		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15394		" " " "	♂	" " " "	" 4	" " "	" " "	" " "	" " "	"	Type of new species.
15395		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	" " " "
15396		<i>Tachycineta thalassina</i> .	♂	" " " "	Apr 29	" " "	" " "	" " "	" " "	"	
15397		" " " "	♂	" " " "	May 11	" " "	" " "	" " "	" " "	"	
15398		" " " "	♂	" " " "	" " "	" " "	" " "	" " "	" " "	"	
15399		" " " "	♂	" " " "	Jun. 2	" " "	" " "	" " "	" " "	"	

Catalogue Original  
number number

Name.

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

15400	<i>Schycineta thalassina</i>	♂	Llano de la Laguna, Lower Cal.	June 4, 1887	M. Abbott Tragar	M. Abbott Tragar	M. Abbott Tragar	1887	Purchase	
15401	"	♂	"	"	"	"	"	"	"	
15402	"	♂	"	"	"	"	"	"	"	
15403	"	♂	"	"	"	"	"	"	"	
15404	"	♂	"	"	"	"	"	"	"	
15405	"	♂	"	"	"	"	"	"	"	
15406	"	♂	"	"	"	"	"	"	"	
15407	"	♂	"	"	"	"	"	"	"	
15408	"	♂	"	"	"	"	"	"	"	
15409	"	♂	"	"	"	"	"	"	"	
15410	"	♂	"	"	"	"	"	"	"	
15411	"	♂	Triunfo	Apr 15	"	"	"	"	"	Sent to M. C. J. January 8, 1913. In the gift of M. C. J. Tragar, number 36.
15412	"	♂	"	"	"	"	"	"	"	
15413	"	♂	"	"	"	"	"	"	"	
15414	"	♂	"	Jan. 22	"	"	"	"	"	
15415	"	♂	"	Apr 15	"	"	"	"	"	
15416	"	♂	"	"	"	"	"	"	"	
15417	"	♂	La Paz	Feb. 4	"	"	"	"	"	
15418	"	♂	"	"	"	"	"	"	"	
15419	"	♂	"	"	"	"	"	"	"	
15420	"	♂	"	Mar. 28	"	"	"	"	"	
15421	"	♂	"	"	"	"	"	"	"	
15422	"	♂	"	Feb. 14	"	"	"	"	"	
15423	"	♂	"	"	"	"	"	"	"	
15424	<i>Chelidon erythrogaster</i>	♂	San Jose del Cabo	Aug. 23	"	"	"	"	"	
15425	"	♂	Triunfo	Apr. 24	"	"	"	"	"	
15426	<i>Stelgidopteryx serripennis</i>	♂	San Jose del Cabo	Aug. 23	"	"	"	"	"	
15427	"	♂	"	"	"	"	"	"	"	
15428	"	♂	"	"	"	"	"	"	"	
15429	"	♂	"	"	"	"	"	"	"	
15430	<i>Petrochelidon lunifrons</i> Say	♂	"	Sep. 24	"	"	"	"	"	
15431	"	♂	"	"	"	"	"	"	"	
15432	<i>Lanius excubitorides</i>	♂	Triunfo	Dec. 12	"	"	"	"	"	
15433	"	♂	"	"	"	"	"	"	"	
15434	<i>L. gambeli</i> Ridg.	♂	La Paz	Feb. 4	"	"	"	"	"	
15435	"	♂	"	"	"	"	"	"	"	
15436	"	♂	"	"	"	"	"	"	"	
15437	"	♂	Santiago	Nov. 22	"	"	"	"	"	
15438	"	♂	"	"	"	"	"	"	"	
15439	"	♂	"	"	"	"	"	"	"	
15440	"	♂	San Jose del Cabo	Sep. 7	"	"	"	"	"	
15441	"	♂	"	Oct. 14	"	"	"	"	"	
15442	"	♂	"	"	"	"	"	"	"	
15443	"	♂	"	"	"	"	"	"	"	
15444	"	♂	"	Sep. 6	"	"	"	"	"	
15445	"	♂	"	"	"	"	"	"	"	
15446	"	♂	"	Oct. 13	"	"	"	"	"	
15447	"	♂	"	"	"	"	"	"	"	
15448	"	♂	"	"	"	"	"	"	"	
15449	"	♂	"	"	"	"	"	"	"	

BONE IN EXHIBIT  
CALIFORNIA MUSEUMBONE IN EXHIBIT  
CALIFORNIA MUSEUM

Sent to M. C. J. January 8, 1913.

Exch. to Philadelphia  
d.c.

BONE IN EXHIBIT

Exch. to Carnegie Museum

BONE IN EXHIBIT

do. do. preserved

Catalogue Original  
Number number

	Name.	Sex and Age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15450	<i>Lanius l. gambeli</i> <i>Holtz.</i>	♂	San Jose del Cabo, Lower	Cal. Oct. 28, 1887.	M. Abbott	M. Abbott	M. Abbott	1887	Purchase.	
15451	<i>Empidonax cedrorum.</i>	♂	San Jose del Rancho.	" Dec. 22 "	"	"	"	"	"	
15452	"	♂	"	"	"	"	"	"	"	
15453	<i>Pranga ludoviciana.</i>	♂	San Jose del Rancho.	" July 24 "	"	"	"	"	"	
15454	"	♂	Meria Flores	" Nov. 12 "	"	"	"	"	"	
15455	"	♂	"	" 13 "	"	"	"	"	"	
15456	"	♂	San Jose del Rancho.	" Dec. 22 "	"	"	"	"	"	
15457	"	♂	"	" 23 "	"	"	"	"	"	
15458	"	♂	"	"	"	"	"	"	"	
15459	"	♂	"	"	"	"	"	"	"	
15460	<i>Vireo v. swainsoni</i>	♂	San Jose del Rancho	" July 5 "	"	"	"	"	"	
15461	"	♂	"	" 12 "	"	"	"	"	"	
15462	"	♂	"	" 14 "	"	"	"	"	"	
15463	"	♂	"	"	"	"	"	"	"	
15464	"	♂	"	" 14 "	"	"	"	"	"	
15465	"	♂	"	" 21 "	"	"	"	"	"	
15466	"	♂	"	"	"	"	"	"	"	
15467	"	♂	"	" 28 "	"	"	"	"	"	
15468	"	♂	"	July 6 "	"	"	"	"	"	
15469	"	♂	"	" 7 "	"	"	"	"	"	
15470	"	♂	"	" 5 "	"	"	"	"	"	
15471	"	♂	"	" 11 "	"	"	"	"	"	
15472	"	♂	"	" 12 "	"	"	"	"	"	
15473	"	♂	"	" 14 "	"	"	"	"	"	
15474	"	♂	"	" 19 "	"	"	"	"	"	
15475	"	♂	"	" 22 "	"	"	"	"	"	
15476	"	♂	"	" 27 "	"	"	"	"	"	
15477	"	♂	Barra de la Laguna	May 7 "	"	"	"	"	"	
15478	"	♂	"	"	"	"	"	"	"	
15479	"	♂	"	" 16 "	"	"	"	"	"	
15480	"	♂	"	" 18 "	"	"	"	"	"	
15481	"	♂	"	" 21 "	"	"	"	"	"	
15482	"	♂	"	" 16 "	"	"	"	"	"	
15483	"	♂	"	" 18 "	"	"	"	"	"	
15484	"	♂	"	" 21 "	"	"	"	"	"	
15485	"	♂	"	" 31 "	"	"	"	"	"	
15486	"	♂	Triunfo	June 21 "	"	"	"	"	"	
15487	"	♂	"	" 23 "	"	"	"	"	"	
15488	"	♂	San Jose del Rancho	Dec. "	"	"	"	"	"	
15489	"	♂	Triunfo.	Apr. 21 "	"	"	"	"	"	
15490	"	♂	"	"	"	"	"	"	"	
15491	"	♂	San Jose del Rancho.	Dec. 20 "	"	"	"	"	"	
15492	"	♂	San Jose del Rancho.	July 5 "	"	"	"	"	"	
15493	"	♂	"	" 6 "	"	"	"	"	"	
15494	"	♂	"	"	"	"	"	"	"	
15495	"	♂	"	"	"	"	"	"	"	
15496	"	♂	"	" 8 "	"	"	"	"	"	

Catalogued by *J. N. Denton*

Catalogue Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
15500	<i>Vireo s. cassinii</i> , <i>Dum.</i>	♂	San Jose del Rancho, Lower Cal.	July 12 1887	M. Abbott Ingar	M. Abbott Ingar	M. Abbott Ingar	1887	Purchase	
15501	"	♂	"	13	"	"	"	"	"	
15502	"	♂	"	"	"	"	"	"	"	
15503	"	♂	"	"	"	"	"	"	"	
15504	"	♂	"	15	"	"	"	"	"	
15505	"	♂	"	"	"	"	"	"	"	
15506	"	♂	"	20	"	"	"	"	"	
15507	"	♂	"	"	"	"	"	"	"	
15508	"	♂	"	22	"	"	"	"	"	
15509	"	♂	"	5	"	"	"	"	"	
15510	"	♂	"	6	"	"	"	"	"	
15511	"	♂	"	8	"	"	"	"	"	
15512	"	♂	"	12	"	"	"	"	"	
15513	"	♂	"	13	"	"	"	"	"	
15514	"	♂	"	19	"	"	"	"	"	
15515	"	♂	"	Apr. 21	"	"	"	"	"	Exch. to <i>San Jose</i>
15516	"	♂	"	"	"	"	"	"	"	
15517	"	♂	"	"	"	"	"	"	"	
15518	"	♂	"	June 24	"	"	"	"	"	
15519	"	♂	"	27	"	"	"	"	"	
15520	"	♂	San Jose del Rancho	Dec. 20	"	"	"	"	"	
15521	"	♂	"	23	"	"	"	"	"	
15522	"	♂	"	Apr. 21	"	"	"	"	"	
15523	"	♂	"	"	"	"	"	"	"	
15524	"	♂	"	23	"	"	"	"	"	
15525	"	♂	"	4	"	"	"	"	"	Exch. to <i>La Paz</i>
15526	"	♂	La Paz	"	"	"	"	"	"	
15527	"	♂	Sierra de la Laguna	May 3	"	"	"	"	"	
15528	"	♂	"	5	"	"	"	"	"	
15529	"	♂	"	9	"	"	"	"	"	
15530	"	♂	"	"	"	"	"	"	"	
15531	"	♂	"	10	"	"	"	"	"	
15532	"	♂	"	12	"	"	"	"	"	
15533	"	♂	"	"	"	"	"	"	"	
15534	"	♂	"	13	"	"	"	"	"	
15535	"	♂	"	"	"	"	"	"	"	
15536	"	♂	"	16	"	"	"	"	"	
15537	"	♂	"	17	"	"	"	"	"	
15538	"	♂	"	"	"	"	"	"	"	
15539	"	♂	"	21	"	"	"	"	"	
15540	"	♂	"	"	"	"	"	"	"	
15541	"	♂	"	Nov. 29	"	"	"	"	"	Exch. to <i>San Jose</i>
15542	"	♂	"	Nov. 30	"	"	"	"	"	
15543	"	♂	"	Apr. 27	"	"	"	"	"	
15544	"	♂	"	"	"	"	"	"	"	
15545	"	♂	"	"	"	"	"	"	"	
15546	"	♂	"	29	"	"	"	"	"	
15547	"	♂	"	"	"	"	"	"	"	
15548	"	♂	"	30	"	"	"	"	"	
15549	"	♂	"	May 2	"	"	"	"	"	
	"	♂	"	6	"	"	"	"	"	

Catalogued by *S. H. Denton*

Catalogue Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
13350	<i>Vireo h. stephensi</i> , Brewst.	♀	Serra de la Laguna, Lower Cal.	May. 9, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
13351	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13352	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13353	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13354	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13355	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13356	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13357	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13358	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13359	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13360	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13361	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13362	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13363	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13364	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13365	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13366	" <i>b. pusillus</i> , Bonst.	♀	San Jose del Rancho	July 15	"	"	"	"	"	
13367	" " " "	♀	Triunfo	Aug. 2	"	"	"	"	"	
13368	" " " "	♀	San Jose del Caba	Sept. 3	"	"	"	"	"	
13369	" " " "	♀	" " " "	Nov. 10	"	"	"	"	"	
13370	" " " "	♀	" " " "	Sept. 12	"	"	"	"	"	
13371	" " " "	♀	" " " "	Sept. 29	"	"	"	"	"	
13372	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13373	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13374	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13375	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13376	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13377	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13378	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13379	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13380	" <i>vicinor</i>	♀	San Jose del Caba	Nov. 10	"	"	"	"	"	
13381	<i>Carpodacus f. ruberrimus</i>	♀	" " " "	Oct. 14	"	"	"	"	"	
13382	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13383	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13384	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13385	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13386	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13387	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13388	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13389	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13390	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13391	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13392	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13393	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13394	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13395	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13396	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13397	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13398	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	
13399	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	" " " "	

*C. maculatus*

Catalogue Original  
number numberCatalogued by *S. W. Denton*

	Name.	Sex and Age.	Taken at or near.	Date of capture.	Taken by.	Skinned by	Received from	When received	By	Remarks.
✓15600	<i>Corpodacus f. ruberrimus</i>	♀	San Jose del Cabo, Lower Cal.	Oct. 14 1887	M. A. Hagan	M. Abbott Hagan	M. Abbott Hagan	1887	Purchase	Exch.
15601	"	"	"	"	"	"	"	"	"	"
15602	"	"	"	"	"	"	"	"	"	"
✓15603	"	"	"	"	"	"	"	"	"	Exch. to H. H. Bailey
15604	"	"	"	"	"	"	"	"	"	"
15605	"	"	"	"	"	"	"	"	"	"
15606	"	"	"	"	"	"	"	"	"	"
15607	"	"	"	"	"	"	"	"	"	"
15608	"	"	"	"	"	"	"	"	"	"
15609	"	"	"	"	"	"	"	"	"	"
15610	"	"	"	"	"	"	"	"	"	"
15611	"	"	"	"	"	"	"	"	"	"
15612	"	"	"	"	"	"	"	"	"	"
15613	"	"	"	"	"	"	"	"	"	"
15614	"	"	"	"	"	"	"	"	"	"
✓15615	"	"	"	"	"	"	"	"	"	"
15616	"	"	"	"	"	"	"	"	"	"
15617	"	"	"	"	"	"	"	"	"	"
15618	"	"	"	"	"	"	"	"	"	"
15619	"	"	"	"	"	"	"	"	"	"
15620	"	"	"	"	"	"	"	"	"	"
15621	"	"	"	"	"	"	"	"	"	"
15622	"	"	"	"	"	"	"	"	"	"
15623	"	"	"	"	"	"	"	"	"	"
✓15624	"	"	"	"	"	"	"	"	"	Exch. to H. H. Bailey
15625	"	"	"	"	"	"	"	"	"	"
15626	"	"	"	"	"	"	"	"	"	"
15627	"	"	"	"	"	"	"	"	"	"
15628	"	"	"	"	"	"	"	"	"	"
15629	"	"	"	"	"	"	"	"	"	"
15630	"	"	"	"	"	"	"	"	"	"
15631	"	"	"	"	"	"	"	"	"	"
15632	"	"	"	"	"	"	"	"	"	"
15633	"	"	"	"	"	"	"	"	"	"
15634	"	"	"	"	"	"	"	"	"	"
15635	"	"	"	"	"	"	"	"	"	"
✓15636	"	"	"	"	"	"	"	"	"	Exch. to H. H. Bailey
15637	"	"	"	"	"	"	"	"	"	"
15638	"	"	"	"	"	"	"	"	"	"
15639	"	"	"	"	"	"	"	"	"	"
15640	"	"	"	"	"	"	"	"	"	"
15641	"	"	"	"	"	"	"	"	"	"
✓15642	"	"	"	"	"	"	"	"	"	"
15643	"	"	"	"	"	"	"	"	"	"
15644	"	"	"	"	"	"	"	"	"	"
15645	"	"	"	"	"	"	"	"	"	"
15646	"	"	"	"	"	"	"	"	"	"
15647	"	"	"	"	"	"	"	"	"	"
15648	"	"	"	"	"	"	"	"	"	"
15649	<i>Chrysomitris p. arizonae</i>	♂	San Jose del Cabo	Oct. 31	"	"	"	"	"	"

H. A. COLE  
GONIMEXGONIMEX TO  
G. C. Macintosh, Jr.

Exch. to H. H. Bailey

GON  
H. H. Bailey



Catalogued by J.W. Denton.

Catalogue Original  
number number

Sex and age.		Name.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15650	♂	<i>Spinus psaltria</i> .	San Jose del Cabo, Lower Cal.	Nov. 5 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
15651	♂	"	"	"	"	"	"	"	"	
15652	♂	"	"	"	"	"	"	"	"	
15653	♂	"	"	"	"	"	"	"	"	
15654	♂	"	"	"	"	"	"	"	"	
15655	♂	"	"	"	"	"	"	"	"	
15656	♂	"	"	"	"	"	"	"	"	
15657	♂	"	"	"	"	"	"	"	"	
15658	♂	"	"	"	"	"	"	"	"	
15659	♂	"	"	"	"	"	"	"	"	
15660	♂	"	"	"	"	"	"	"	"	
15661	♂	"	"	"	"	"	"	"	"	
15662	♂	"	"	"	"	"	"	"	"	
15663	♂	"	"	"	"	"	"	"	"	
15664	♂	"	"	"	"	"	"	"	"	
15665	♂	"	"	"	"	"	"	"	"	
15666	♂	"	"	"	"	"	"	"	"	
15667	♂	"	"	"	"	"	"	"	"	
15668	♂	"	"	"	"	"	"	"	"	
15669	♂	"	"	"	"	"	"	"	"	
15670	♂	"	"	"	"	"	"	"	"	
15671	♂	"	"	"	"	"	"	"	"	
15672	♂	"	"	"	"	"	"	"	"	
15673	♂	"	"	"	"	"	"	"	"	
15674	♂	"	"	"	"	"	"	"	"	
15675	♂	"	"	"	"	"	"	"	"	
15676	♂	"	"	"	"	"	"	"	"	
15677	♂	"	"	"	"	"	"	"	"	
15678	♂	"	"	"	"	"	"	"	"	
15679	♂	"	"	"	"	"	"	"	"	
15680	♂	"	"	"	"	"	"	"	"	
15681	♂	"	"	"	"	"	"	"	"	
15682	♂	"	"	"	"	"	"	"	"	
15683	♂	"	"	"	"	"	"	"	"	
15684	♂	"	"	"	"	"	"	"	"	
15685	♂	"	"	"	"	"	"	"	"	
15686	♂	"	"	"	"	"	"	"	"	
15687	♂	"	"	"	"	"	"	"	"	
15688	♂	"	"	"	"	"	"	"	"	
15689	♂	<i>Passerculus rostratus</i> .	San Jose del Cabo	Apr. 23	"	"	"	"	"	
15690	♂	"	"	"	"	"	"	"	"	
15691	♂	"	"	"	"	"	"	"	"	
15692	♂	"	"	"	"	"	"	"	"	
15693	♂	"	"	"	"	"	"	"	"	
15694	♂	"	"	"	"	"	"	"	"	
15695	♂	"	"	"	"	"	"	"	"	
15696	♂	"	"	"	"	"	"	"	"	
15697	♂	"	"	"	"	"	"	"	"	
15698	♂	"	"	"	"	"	"	"	"	
15699	♂	"	"	"	"	"	"	"	"	

GOVERNMENT OF CALIFORNIA

GOVERNMENT OF CALIFORNIA

GOVERNMENT OF CALIFORNIA

Catalogued by J. W. Dutton.

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skipped by	Received from	When received	By	Remarks.
15700	<i>Passerculus rostratus</i>	♀	San Jose del Cabo, Lower Cal.	Sept. 14, 1887	H. Abbott Ingers	H. Abbott Ingers	H. Abbott Ingers	1887	Purchase.	
15701	"	"	"	"	"	"	"	"	"	
15702	"	"	"	"	"	"	"	"	"	
15703	"	"	"	"	"	"	"	"	"	
15704	"	"	"	"	"	"	"	"	"	
15705	"	"	"	"	"	"	"	"	"	
15706	"	"	"	"	"	"	"	"	"	
15707	"	"	"	"	"	"	"	"	"	
15708	"	"	"	"	"	"	"	"	"	
15709	"	"	"	"	"	"	"	"	"	
15710	"	"	"	"	"	"	"	"	"	
15711	"	"	"	"	"	"	"	"	"	
15712	"	"	"	"	"	"	"	"	"	
15713	"	"	"	"	"	"	"	"	"	
15714	"	"	"	"	"	"	"	"	"	
15715	"	"	"	"	"	"	"	"	"	
15716	"	"	"	"	"	"	"	"	"	
15717	"	"	"	"	"	"	"	"	"	
15718	"	"	"	"	"	"	"	"	"	
15719	"	"	"	"	"	"	"	"	"	
15720	"	"	"	"	"	"	"	"	"	
15721	"	"	"	"	"	"	"	"	"	
15722	"	"	"	"	"	"	"	"	"	
15723	"	"	"	"	"	"	"	"	"	
15724	"	"	"	"	"	"	"	"	"	
15725	"	"	La Paz	"	"	"	"	"	"	
15726	"	"	"	"	"	"	"	"	"	
15727	"	"	"	"	"	"	"	"	"	
15728	"	"	"	"	"	"	"	"	"	
15729	"	"	"	"	"	"	"	"	"	
15730	"	"	"	"	"	"	"	"	"	
15731	"	"	"	"	"	"	"	"	"	
15732	"	"	"	"	"	"	"	"	"	
15733	"	"	"	"	"	"	"	"	"	
15734	"	"	"	"	"	"	"	"	"	
15735	"	"	"	"	"	"	"	"	"	
15736	"	"	"	"	"	"	"	"	"	
15737	"	"	"	"	"	"	"	"	"	
15738	"	"	"	"	"	"	"	"	"	
15739	"	"	"	"	"	"	"	"	"	
15740	"	"	"	"	"	"	"	"	"	
15741	"	"	"	"	"	"	"	"	"	
15742	"	"	"	"	"	"	"	"	"	
15743	"	"	"	"	"	"	"	"	"	
15744	"	"	"	"	"	"	"	"	"	
15745	" <i>r. guttatus.</i>	"	San Jose del Cabo	"	"	"	"	"	"	
15746	"	"	"	"	"	"	"	"	"	
15747	"	"	"	"	"	"	"	"	"	
15748	"	"	"	"	"	"	"	"	"	
15749	"	"	"	"	"	"	"	"	"	

(6 &amp; 6 bery)

Catalogued by D. H. Austin.

Catalogue number	Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15750		<i>Passerculus s. guttatus</i>	♀	San José del Cabo, Lower Cal.	Oct. 10. 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
15751		" " "	♀	Carmen, Idelt. "	Mar. 6 "	" " "	" " "	" " "	" "	" "	
15752		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15753		" <i>s. alaudinus</i> .	♀	San José del Cabo, Lower Cal.	Nov. 4. "	" " "	" " "	" " "	" "	" "	
15754		" " "	♀	" " "	" 9 "	" " "	" " "	" " "	" "	" "	
15755		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15756		" " "	♀	" " "	Oct. 21 "	" " "	" " "	" " "	" "	" "	
15757		" " "	♀	" " "	" 13 "	" " "	" " "	" " "	" "	" "	
15758		" " "	♀	" " "	Nov. 4 "	" " "	" " "	" " "	" "	" "	
15759		" " "	♀	" " "	" 9 "	" " "	" " "	" " "	" "	" "	
15760		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15761		" " "	♀	" " "	Oct. 8 "	" " "	" " "	" " "	" "	" "	
15762		" " "	♀	Santiago "	Nov. 19 "	" " "	" " "	" " "	" "	" "	
15763		" " "	♀	" " "	" 16 "	" " "	" " "	" " "	" "	" "	
15764		<i>Coliuriculus passerinus</i>	♀	San José del Cabo "	Oct. 21 "	" " "	" " "	" " "	" "	" "	Keen short bills for <i>peripallidus</i> but as regards length of wings & tail, head, general coloration, typical of <i>peripallidus</i> .
15765		" " "	♀	" " "	Dec. 5 "	" " "	" " "	" " "	" "	" "	
15766		" " "	♀	" " "	" 18 "	" " "	" " "	" " "	" "	" "	
15767		" " "	♀	" " "	" 21 "	" " "	" " "	" " "	" "	" "	
15768		<i>Chondestes g. strigatus</i> .	♀	San José del Cabo "	Oct. 21 "	" " "	" " "	" " "	" "	" "	
15769		" " "	♀	" " "	" 26 "	" " "	" " "	" " "	" "	" "	
15770		" " "	♀	" " "	" 28 "	" " "	" " "	" " "	" "	" "	
15771		" " "	♀	" " "	" 28 "	" " "	" " "	" " "	" "	" "	
15772		" " "	♀	" " "	Nov. 3 "	" " "	" " "	" " "	" "	" "	
15773		" " "	♀	" " "	" 5 "	" " "	" " "	" " "	" "	" "	
15774		" " "	♀	" " "	Oct. 8 "	" " "	" " "	" " "	" "	" "	
15775		" " "	♀	" " "	" 15 "	" " "	" " "	" " "	" "	" "	
15776		" " "	♀	" " "	" 29 "	" " "	" " "	" " "	" "	" "	
15777		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15778		" " "	♀	" " "	Nov. 1 "	" " "	" " "	" " "	" "	" "	
15779		" " "	♀	" " "	" 5 "	" " "	" " "	" " "	" "	" "	
15780		" " "	♀	" " "	" 7 "	" " "	" " "	" " "	" "	" "	
15781		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15782		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15783		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15784		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15785		" " "	♀	" " "	Dec. 5 "	" " "	" " "	" " "	" "	" "	
15786		" " "	♀	" " "	" 6 "	" " "	" " "	" " "	" "	" "	
15787		" " "	♀	" " "	" 9 "	" " "	" " "	" " "	" "	" "	
15788		" " "	♀	San José del Rancho "	" 20 "	" " "	" " "	" " "	" "	" "	
15789		" " "	♀	Triunfo "	" 26 "	" " "	" " "	" " "	" "	" "	
15790		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15791		" " "	♀	" " "	" 9 "	" " "	" " "	" " "	" "	" "	
15792		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15793		" " "	♀	" " "	" 17 "	" " "	" " "	" " "	" "	" "	
15794		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15795		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15796		" " "	♀	" " "	" " "	" " "	" " "	" " "	" "	" "	
15797		" " "	♀	" " "	" 26 "	" " "	" " "	" " "	" "	" "	
15798		" " "	♀	" " "	Nov. 21 "	" " "	" " "	" " "	" "	" "	
15799		<i>Zonotrichia leucophrys</i>	♂	Santiago San José del Cabo "	Oct. 11 "	" " "	" " "	" " "	" "	" "	

Catalogue Original number	Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15800		<i>Zonotrichia leucophrys</i>	♂	San Jose del Cabo, Lower Cal.	Oct. 15, 1887	M. Abbott Thayer	M. Abbott Thayer	M. Abbott Thayer	1887	Purchase	
15801		"	"	"	25	"	"	"	"	"	
15802		"	"	"	29	"	"	"	"	"	
15803		"	"	"	"	"	"	"	"	"	
15804		"	"	"	12	"	"	"	"	"	
15805		"	"	"	19	"	"	"	"	"	
15806		"	"	"	25	"	"	"	"	"	
15807		"	"	"	27	"	"	"	"	"	
15808		"	"	"	29	"	"	"	"	"	
15809		"	"	"	"	"	"	"	"	"	
15810		"	"	"	Nov. 4	"	"	"	"	"	
15811		"	"	"	11	"	"	"	"	"	
15812		"	"	La Paz	Feb. 8	"	"	"	"	"	
15813		"	"	"	"	"	"	"	"	"	
15814		"	"	"	9	"	"	"	"	"	
15815		"	"	"	15	"	"	"	"	"	
15816		"	"	"	Mar. 19	"	"	"	"	"	
15817		"	"	"	Feb. 5	"	"	"	"	"	
15818		"	"	"	"	"	"	"	"	"	
15819		"	"	"	8	"	"	"	"	"	
15820		"	"	"	"	"	"	"	"	"	
15821		"	"	"	"	"	"	"	"	"	
15822		"	"	"	9	"	"	"	"	"	
15823		"	"	"	11	"	"	"	"	"	
15824		"	"	"	"	"	"	"	"	"	
15825		"	"	"	24	"	"	"	"	"	
15826		"	"	"	"	"	"	"	"	"	
15827		"	"	Triunfo	Dec. 17	"	"	"	"	"	
15828		"	"	"	12	"	"	"	"	"	
15829		"	"	"	17	"	"	"	"	"	
15830		"	"	Santiago	Nov. 16	"	"	"	"	"	
15831		"	"	"	18	"	"	"	"	"	
15832		"	"	Triunfo	Apr. 18	"	"	"	"	"	
15833		"	"	San Jose del Cabo	Oct. 18	"	"	"	"	"	
15834		"	"	"	Nov. 3	"	"	"	"	"	
15835		"	"	"	5	"	"	"	"	"	
15836		<i>Spizella pallida</i> , Swainson	♂	"	1	"	"	"	"	"	
15837		"	"	"	10	"	"	"	"	"	
15838		"	"	"	Oct. 14	"	"	"	"	"	
15839		"	"	"	24	"	"	"	"	"	
15840		"	"	"	27	"	"	"	"	"	
15841		"	"	"	29	"	"	"	"	"	
15842		"	"	"	14	"	"	"	"	"	
15843		"	"	"	24	"	"	"	"	"	
15844		"	"	"	26	"	"	"	"	"	
15845		"	"	"	28	"	"	"	"	"	
15846		"	"	"	Nov. 7	"	"	"	"	"	
15847		"	"	"	8	"	"	"	"	"	
15848		"	"	"	9	"	"	"	"	"	
15849		"	"	"	9	"	"	"	"	"	

COPIED IN EXCEL 20

Rejected

From study with *Spizella pallida* Swainson taken during the migration, all of them are immatures.

Rejected

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
13850	<i>Spizella pallida</i> , Swains.	♀	San Jose del Cabo Lower Cal.	Nov. 16, 1887	M. Abbott Trazar	M. Abbott Trazar	M. Abbott Trazar	1887	Purchase	
13851	"	♂	Triunfo	Dec. 14	"	"	"	"	"	
13852	"	♂	"	"	"	"	"	"	"	
13853	"	♂	"	9	"	"	"	"	"	
13854	"	♂	"	"	"	"	"	"	"	
13855	"	♂	"	12	"	"	"	"	"	
13856	"	♂	"	"	"	"	"	"	"	
13857	"	♂	"	"	"	"	"	"	"	
13858	"	♂	"	14	"	"	"	"	"	
13859	"	♂	"	"	"	"	"	"	"	
13860	"	♂	"	"	"	"	"	"	"	
13861	"	♂	"	"	"	"	"	"	"	
13862	"	♂	"	"	"	"	"	"	"	
13863	"	♂	"	"	"	"	"	"	"	
13864	"	♂	"	"	"	"	"	"	"	
13865	"	♂	"	17	"	"	"	"	"	
13866	"	♂	"	26	"	"	"	"	"	
13867	"	♂	Santiago	Nov. 17	"	"	"	"	"	
13868	"	♂	"	"	"	"	"	"	"	
13869	"	♂	"	23	"	"	"	"	"	
13870	"	♂	"	24	"	"	"	"	"	
13871	"	♂	"	25	"	"	"	"	"	
13872	"	♂	"	"	"	"	"	"	"	
13873	"	♂	"	16	"	"	"	"	"	
13874	"	♂	"	25	"	"	"	"	"	
13875	" <i>brevieri</i> Leass	♂	Triunfo	Apr. 18	"	"	"	"	"	
13876	"	♂	"	"	"	"	"	"	"	
13877	"	♂	"	20	"	"	"	"	"	
13878	"	♂	Carmen Island	Mar. 2	"	"	"	"	"	
13879	"	♂	"	"	"	"	"	"	"	
13880	" <i>atrifigularis</i>	♂	"La Paz"	Feb. 24	"	"	"	"	"	
13881	"	♂	Triunfo	Apr. 18	"	"	"	"	"	
13882	"	♂	"	23	"	"	"	"	"	
13883	"	♂	"	"	"	"	"	"	"	
13884	"	♂	"	13	"	"	"	"	"	
13885	"	♂	"	18	"	"	"	"	"	
13886	"	♂	"	23	"	"	"	"	"	
13887	"	♂	"	30	"	"	"	"	"	
13888	" <i>occ. arizonae</i>	♂	Sierra de la Laguna	Nov. 19	"	"	"	"	"	
13889	<i>Melospiza lincolni</i>	♂	Santiago	"	"	"	"	"	"	
13890	"	♂	"	"	"	"	"	"	"	
13891	<i>Junco bairdi</i> , Beld.	♂	Sierra de la Laguna	Apr. 27	"	"	"	"	"	
13892	"	♂	"	"	"	"	"	"	"	
13893	"	♂	"	May 3	"	"	"	"	"	
13894	"	♂	"	"	"	"	"	"	"	
13895	"	♂	"	"	"	"	"	"	"	
13896	"	♂	"	"	"	"	"	"	"	
13897	"	♂	"	"	"	"	"	"	"	
13898	"	♂	"	"	"	"	"	"	"	
13899	"	♂	"	"	"	"	"	"	"	

NONE IN RECH. TO

Exch. to Count Jydenstige

Catalogued by *J. N. Denton*

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
15900	<i>Junco bairdi</i> , <i>Beld.</i>	♂	Pierra de la Laguna, Lower Cal.	May 3, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
15901	"	♂	"	"	"	"	"	"	"	
15902	"	♂	"	"	"	"	"	"	"	
15903	"	♂	"	"	"	"	"	"	"	
15904	"	♂	"	"	"	"	"	"	"	
15905	"	♂	"	"	"	"	"	"	"	
15906	"	♂	"	"	"	"	"	"	"	
15907	"	♂	"	"	"	"	"	"	"	
15908	"	♂	"	"	"	"	"	"	"	
15909	"	♂	"	15 "	"	"	"	"	"	
15910	"	♂	"	"	"	"	"	"	"	
15911	"	♂	"	20 "	"	"	"	"	"	
15912	"	♂	"	23 "	"	"	"	"	"	
15913	"	♂	"	"	"	"	"	"	"	
15914	"	♂	"	24 "	"	"	"	"	"	
15915	"	♂	"	"	"	"	"	"	"	
15916	"	♂	"	26 "	"	"	"	"	"	
15917	"	♂	"	"	"	"	"	"	"	
15918	"	♂	"	"	"	"	"	"	"	
15919	"	♂	"	3 "	"	"	"	"	"	
15920	"	♂	"	"	"	"	"	"	"	
15921	"	♂	"	18 "	"	"	"	"	"	
15922	"	♂	"	"	"	"	"	"	"	
15923	"	♂	"	19 "	"	"	"	"	"	
15924	"	♂	"	June 2 "	"	"	"	"	"	
15925	"	♂	"	"	"	"	"	"	"	
15926	"	♂	"	4 "	"	"	"	"	"	
15927	"	♂	"	"	"	"	"	"	"	
15928	"	♂	"	"	"	"	"	"	"	
15929	"	♂	"	"	"	"	"	"	"	
15930	"	♂	"	"	"	"	"	"	"	
15931	"	♂	"	"	"	"	"	"	"	
15932	"	♂	"	"	"	"	"	"	"	
15933	"	♂	"	"	"	"	"	"	"	
15934	"	♂	"	6 "	"	"	"	"	"	
15935	"	♂	"	4 "	"	"	"	"	"	
15936	"	♂	"	"	"	"	"	"	"	
15937	"	♂	"	"	"	"	"	"	"	
15938	"	♂	"	Nov. 28 "	"	"	"	"	"	
15939	"	♂	"	"	"	"	"	"	"	
15940	"	♂	"	"	"	"	"	"	"	
15941	<i>Dicaea r. boucardi</i> , <i>Scl.</i>	♂	" <i>Triunfo</i> "	Apr. 21 "	"	"	"	"	"	
15942	"	♂	"	"	"	"	"	"	"	
15943	"	♂	"	23 "	"	"	"	"	"	
15944	"	♂	"	June 16 "	"	"	"	"	"	
15945	"	♂	"	20 "	"	"	"	"	"	
15946	"	♂	"	"	"	"	"	"	"	
15947	"	♂	"	"	"	"	"	"	"	
15948	"	♂	"	Apr. 21 "	"	"	"	"	"	
15949	"	♂	"	"	"	"	"	"	"	

GONE IN EXCH. TO  
BARNHARTGONE IN EXCH. TO  
H. K. COAL

	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
13950	<i>Bucconia n. boucardi</i> , Sol.	?	Triunfo, Lower Gal.	June 20, 1887	M. Abbott Thazar	M. Abbott Thazar	M. Abbott Thazar	1887	Purchase.	
13951	"	"	"	"	"	"	"	"	"	
13952	"	"	"	"	"	"	"	"	"	
13953	<i>Amphispiza li. lineata</i> <sup>large</sup> <sup>Grinnell</sup>	"	"	Apr. 23	"	"	"	"	"	
13954	"	"	"	"	"	"	"	"	"	
13955	"	"	"	"	"	"	"	"	"	
13956	"	"	San Jose del Cabo	Apr. 10	"	"	"	"	"	
13957	"	"	La Paz	Feb. 7	"	"	"	"	"	
13958	"	"	"	"	"	"	"	"	"	
13959	"	"	"	"	"	"	"	"	"	
13960	"	"	"	"	"	"	"	"	"	
13961	"	"	"	"	"	"	"	"	"	
13962	"	"	"	"	"	"	"	"	"	
13963	"	"	"	"	"	"	"	"	"	
13964	"	"	"	Mar. 15	"	"	"	"	"	
13965	"	"	"	"	"	"	"	"	"	
13966	"	"	"	Apr. 7	"	"	"	"	"	
13967	"	"	"	"	"	"	"	"	"	
13968	"	"	"	Nov. 10	"	"	"	"	"	
13968	"	"	"	Jan. 11, 1888	"	"	"	"	"	1888
13970	"	"	Carmen Island	Mar. 7, 1887	"	"	"	"	"	1887
13971	"	"	"	"	"	"	"	"	"	
13972	<i>Pipilo f. albicula</i> , Bol.	"	San Jose del Cabo	Oct. 29	"	"	"	"	"	
13973	"	"	"	"	"	"	"	"	"	
13974	"	"	Sierra de la Laguna	June 6	"	"	"	"	"	
13975	"	"	"	"	"	"	"	"	"	
13976	"	"	San Jose del Rancho	July 7	"	"	"	"	"	
13977	"	"	"	"	"	"	"	"	"	
13978	"	"	"	"	"	"	"	"	"	
13979	"	"	La Paz	Feb. 11	"	"	"	"	"	
13980	"	"	"	"	"	"	"	"	"	
13981	"	"	"	"	"	"	"	"	"	
13982	"	"	"	Mar. 14	"	"	"	"	"	
13983	"	"	"	"	"	"	"	"	"	
13984	"	"	"	"	"	"	"	"	"	
13985	"	"	"	"	"	"	"	"	"	
13986	"	"	"	"	"	"	"	"	"	
13987	"	"	"	"	"	"	"	"	"	
13988	"	"	"	Feb. 7	"	"	"	"	"	
13989	"	"	"	"	"	"	"	"	"	
13990	"	"	"	"	"	"	"	"	"	
13991	"	"	"	"	"	"	"	"	"	
13992	"	"	"	"	"	"	"	"	"	
13993	"	"	"	Mar. 14	"	"	"	"	"	
13994	"	"	Triunfo	Apr. 11	"	"	"	"	"	
13995	"	"	"	"	"	"	"	"	"	
13996	"	"	"	"	"	"	"	"	"	
13997	"	"	"	"	"	"	"	"	"	
13998	"	"	"	"	"	"	"	"	"	
13999	"	"	"	"	"	"	"	"	"	

Type.

Partial albino

in to Wood



Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16000	<i>Pipilo f. albicula.</i>	Bd.	Triunfo. Lower Cal.	Apr. 15, 1887	M. Abbott Hazen	M. Abbott Hazen	M. Abbott Hazen	1887	Purchase	
16001	"	"	"	"	"	"	"	"	"	
16002	"	"	"	"	"	"	"	"	"	
16003	"	"	"	"	"	"	"	"	"	
16004	"	"	"	"	"	"	"	"	"	
16005	"	"	"	18	"	"	"	"	"	
16006	"	"	"	June 16	"	"	"	"	"	
16007	"	"	"	"	"	"	"	"	"	
16008	"	"	"	"	"	"	"	"	"	
16009	"	"	"	18	"	"	"	"	"	
16010	"	"	"	21	"	"	"	"	"	
16011	"	"	"	24	"	"	"	"	"	
16012	"	"	"	"	"	"	"	"	"	
16013	"	"	"	25	"	"	"	"	"	
16014	"	"	"	"	"	"	"	"	"	
16015	"	"	"	"	"	"	"	"	"	
16016	"	"	"	"	"	"	"	"	"	
16017	"	"	"	27	"	"	"	"	"	
16018	"	"	"	"	"	"	"	"	"	
16019	"	"	"	"	"	"	"	"	"	
16020	"	"	"	28	"	"	"	"	"	
16021	"	"	"	"	"	"	"	"	"	
16022	"	"	"	Dec. 5	"	"	"	"	"	
16023	"	"	"	"	"	"	"	"	"	
16024	"	"	"	6	"	"	"	"	"	
16025	"	"	"	"	"	"	"	"	"	
16026	"	"	"	8	"	"	"	"	"	
16027	"	"	"	13	"	"	"	"	"	
16028	"	"	"	"	"	"	"	"	"	
16029	"	"	"	"	"	"	"	"	"	
16030	"	"	San Jose del Rancho	20	"	"	"	"	"	
16031	"	"	Triunfo.	Apr. 15	"	"	"	"	"	
16032	"	"	"	18	"	"	"	"	"	
16033	"	"	"	"	"	"	"	"	"	
16034	"	"	"	"	"	"	"	"	"	
16035	"	"	"	20	"	"	"	"	"	
16036	"	"	"	"	"	"	"	"	"	
16037	"	"	"	June 16	"	"	"	"	"	
16038	"	"	"	"	"	"	"	"	"	
16039	"	"	"	"	"	"	"	"	"	
16040	"	"	"	"	"	"	"	"	"	
16041	"	"	"	"	"	"	"	"	"	
16042	"	"	"	20	"	"	"	"	"	
16043	"	"	"	21	"	"	"	"	"	
16044	"	"	"	23	"	"	"	"	"	
16045	"	"	"	24	"	"	"	"	"	
16046	"	"	"	"	"	"	"	"	"	
16047	"	"	"	"	"	"	"	"	"	
16048	"	"	"	27	"	"	"	"	"	
16049	"	"	"	28	"	"	"	"	"	

Gift to Santa Ana

W. B. &amp; C. W. Denton

Exchanged to  
California MuseumGIVEN TO  
H. A. COLE,  
CALIFORNIA MUSEUMGift to Santa Ana  
J. W. Denton  
CALIFORNIA MUSEUM

Catalogue Original  
number number

Name.

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

Catalogued by *J. M. Gordon*

16050	<i>Pipilo f. albicollis</i> , Bol.	♀	Triunfo, Lower Cal.	Dec. 5 1887	M. Abbott Hazen	M. Abbott Hazen	M. Abbott Hazen	1887	Purchase.	
16051	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	"	"	
16052	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	"	"	
16053	" " " "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	"	"	
16054	" <i>m. megalonyx</i> "	♀	" " " "	" " " "	" " " "	" " " "	" " " "	"	"	
16055	" " " "	♀	San José del Rancho	Apr. 21	" " " "	" " " "	" " " "	"	"	
16056	" " " "	♀	" " " "	Dec. 32	" " " "	" " " "	" " " "	"	"	
16057	" " " "	♀	San José del Rancho	July 7	" " " "	" " " "	" " " "	"	"	
16058	" " " "	♀	" " " "	" 8	" " " "	" " " "	" " " "	"	"	
16059	" " " "	♀	" " " "	" 13	" " " "	" " " "	" " " "	"	"	
16060	" " " "	♀	" " " "	" 27	" " " "	" " " "	" " " "	"	"	
16061	" " " "	♀	" " " "	" 6	" " " "	" " " "	" " " "	"	"	
16062	" " " "	♀	Sierra de la Laguna	May 10	" " " "	" " " "	" " " "	"	"	
16063	" " " "	♀	" " " "	" 11	" " " "	" " " "	" " " "	"	"	
16064	" " " "	♀	" " " "	" 13	" " " "	" " " "	" " " "	"	"	
16065	" " " "	♀	" " " "	" 14	" " " "	" " " "	" " " "	"	"	
16066	" " " "	♀	" " " "	" 17	" " " "	" " " "	" " " "	"	"	
16067	" " " "	♀	" " " "	" 20	" " " "	" " " "	" " " "	"	"	
16068	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16069	" " " "	♀	" " " "	" 23	" " " "	" " " "	" " " "	"	"	
16070	" " " "	♀	" " " "	Apr. 30	" " " "	" " " "	" " " "	"	"	
16071	" " " "	♀	" " " "	May 10	" " " "	" " " "	" " " "	"	"	
16072	" " " "	♀	" " " "	" 11	" " " "	" " " "	" " " "	"	"	
16073	" " " "	♀	" " " "	" 12	" " " "	" " " "	" " " "	"	"	
16074	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16075	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16076	" " " "	♀	" " " "	" 12	" " " "	" " " "	" " " "	"	"	
16077	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16078	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16079	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16080	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16081	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16082	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16083	" " " "	♀	" " " "	" 21	" " " "	" " " "	" " " "	"	"	
16084	" " " "	♀	" " " "	Nov. 28	" " " "	" " " "	" " " "	"	"	
16085	" <i>chlorurus</i> , Towns.	♀	" " " "	May 30	" " " "	" " " "	" " " "	"	"	
16086	" " " "	♀	Santiago	Nov. 16	" " " "	" " " "	" " " "	"	"	
16087	" " " "	♀	" " " "	" 14	" " " "	" " " "	" " " "	"	"	
16088	" " " "	♀	La Paz	Feb. 14	" " " "	" " " "	" " " "	"	"	
16089	" " " "	♀	Triunfo	Dec. 4	" " " "	" " " "	" " " "	"	"	
16090	" " " "	♀	" " " "	" 12	" " " "	" " " "	" " " "	"	"	
16091	" " " "	♀	" " " "	" 17	" " " "	" " " "	" " " "	"	"	
16092	" " " "	♀	San José del Rancho	" 22	" " " "	" " " "	" " " "	"	"	
16093	" " " "	♀	" " " "	" 26	" " " "	" " " "	" " " "	"	"	
16094	" " " "	♀	Triunfo	" 5	" " " "	" " " "	" " " "	"	"	
16095	" " " "	♀	" " " "	" 6	" " " "	" " " "	" " " "	"	"	
16096	" " " "	♀	" " " "	" 12	" " " "	" " " "	" " " "	"	"	
16097	" " " "	♀	" " " "	" 13	" " " "	" " " "	" " " "	"	"	
16098	" " " "	♀	" " " "	" 14	" " " "	" " " "	" " " "	"	"	
16099	" " " "	♀	" " " "	" 14	" " " "	" " " "	" " " "	"	"	

GOVERNMENT OF  
CALIFORNIA MUSEUMGOVERNMENT OF  
CALIFORNIA MUSEUM

Catalogued by *S. W. Denton*

Catalogue Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
16100	<i>Pipilo chlorurus</i> , Towns.	♀	San Jose del Rancho Lower Cal.	Dec. 20, 1887	M. Abbott Hagas	M. Abbott Hagas	M. Abbott Hagas	1887	Purchase	
16101	"	♀	Triunfo	"	"	"	"	"	"	
16102	"	"	San Jose del Cabo	Oct. 17	"	"	"	"	"	
16103	"	"	"	"	"	"	"	"	"	
16104	"	"	"	24	"	"	"	"	"	
16105	"	"	"	31	"	"	"	"	"	
16106	"	"	"	Nov. 1	"	"	"	"	"	
16107	<i>Cardinalis c. igneus</i> , Bol.	♂	"	Oct. 4	"	"	"	"	"	
16108	"	"	"	Aug. 15	"	"	"	"	"	
16109	"	"	"	Oct. 8	"	"	"	"	"	
16110	"	"	"	17	"	"	"	"	"	
16111	"	"	"	"	"	"	"	"	"	
16112	"	"	"	20	"	"	"	"	"	
16113	"	"	"	25	"	"	"	"	"	
16114	"	"	"	27	"	"	"	"	"	
16115	"	"	San Jose del Rancho	July 7	"	"	"	"	"	
16116	"	"	"	"	"	"	"	"	"	
16117	"	"	"	8	"	"	"	"	"	
16118	"	"	"	"	"	"	"	"	"	
16119	"	"	"	11	"	"	"	"	"	
16120	"	"	"	12	"	"	"	"	"	
16121	"	"	"	14	"	"	"	"	"	
16122	"	"	"	17	"	"	"	"	"	
16123	"	"	"	"	"	"	"	"	"	
16124	"	"	"	"	"	"	"	"	"	
16125	"	"	"	21	"	"	"	"	"	
16126	"	"	"	22	"	"	"	"	"	
16127	"	"	"	25	"	"	"	"	"	
16128	"	"	"	5	"	"	"	"	"	
16129	"	"	"	8	"	"	"	"	"	
16130	"	"	"	13	"	"	"	"	"	
16131	"	"	"	14	"	"	"	"	"	
16132	"	"	"	20	"	"	"	"	"	
16133	"	"	"	"	"	"	"	"	"	
16134	"	"	"	22	"	"	"	"	"	
16135	"	"	"	23	"	"	"	"	"	
16136	"	"	La Paz	Feb. 4	"	"	"	"	"	
16137	"	"	"	14	"	"	"	"	"	
16138	"	"	"	"	"	"	"	"	"	
16139	"	"	"	18	"	"	"	"	"	
16140	"	"	"	"	"	"	"	"	"	
16141	"	"	"	"	"	"	"	"	"	
16142	"	"	"	"	"	"	"	"	"	
16143	"	"	"	"	"	"	"	"	"	
16144	"	"	"	24	"	"	"	"	"	
16145	"	"	"	"	"	"	"	"	"	
16146	"	"	"	Mar. 19	"	"	"	"	"	
16147	"	"	"	21	"	"	"	"	"	
16148	"	"	"	22	"	"	"	"	"	
16149	"	"	"	26	"	"	"	"	"	

CONFIDENTIAL

CONFIDENTIAL

*Cardinalis c. igneus*

Catalogue Original  
number number

Name.

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

16150	<i>Cardinalis c. igneus</i> Bd.	♂	La Paz.	Sever Val	Mar. 30, 1887	M. Abbott Thayer	M. Abbott Thayer	M. Abbott Thayer	1887	Purchase.	
16151	" " "	♂	"	"	Feb. 7	"	"	"	"	"	
16152	" " "	♂	"	"	"	"	"	"	"	"	
16153	" " "	♂	"	"	"	"	"	"	"	"	
16154	" " "	♂	"	"	"	"	"	"	"	"	
16155	" " "	♂	"	"	Mar. 21	"	"	"	"	"	
16156	" " "	♂	"	"	"	"	"	"	"	"	
16157	" " "	♂	"	"	"	"	"	"	"	"	
16158	" " "	♂	Triunfo	"	Dec. 12	"	"	"	"	"	
16159	" " "	♂	"	"	"	"	"	"	"	"	
16160	" " "	♂	"	"	Apr. 13	"	"	"	"	"	
16161	" " "	♂	"	"	"	"	"	"	"	"	
16162	" " "	♂	"	"	June 21	"	"	"	"	"	
16163	" " "	♂	"	"	"	"	"	"	"	"	
16164	" " "	♂	"	"	"	"	"	"	"	"	
16165	" " "	♂	"	"	"	"	"	"	"	"	
16166	" " "	♂	"	"	"	"	"	"	"	"	
16167	" " "	♂	"	"	Apr. 13	"	"	"	"	"	
16168	" " "	♂	"	"	"	"	"	"	"	"	
16169	" " "	♂	"	"	"	"	"	"	"	"	
16170	" " "	♂	"	"	"	"	"	"	"	"	
16171	" " "	♂	"	"	June 24	"	"	"	"	"	
16172	" " "	♂	San Diego	"	Mar. 18	"	"	"	"	"	
16173	" " "	♂	"	"	"	"	"	"	"	"	
16174	" " "	♂	"	"	"	"	"	"	"	"	
16175	" " "	♂	"	"	"	"	"	"	"	"	
16176	" " "	♂	"	"	"	"	"	"	"	"	
16177	" " "	♂	"	"	"	"	"	"	"	"	
16178	" " "	♂	"	"	"	"	"	"	"	"	
16179	" " "	♂	"	"	"	"	"	"	"	"	
16180	" " "	♂	"	"	"	"	"	"	"	"	
16181	<i>Pyrrhuloxia sin. peninsular.</i>	♂	"	"	"	"	"	"	"	"	
16182	" " "	♂	"	"	"	"	"	"	"	"	
16183	" " "	♂	"	"	"	"	"	"	"	"	
16184	" " "	♂	"	"	"	"	"	"	"	"	
16185	" " "	♂	"	"	"	"	"	"	"	"	
16186	" " "	♂	"	"	"	"	"	"	"	"	
16187	" " "	♂	Triunfo	"	Dec. 8	"	"	"	"	"	
16188	" " "	♂	"	"	"	"	"	"	"	"	
16189	" " "	♂	"	"	"	"	"	"	"	"	
16190	" " "	♂	"	"	"	"	"	"	"	"	
16191	" " "	♂	San Jose del Rancho.	"	"	"	"	"	"	"	
16192	" " "	♂	Triunfo.	"	Apr. 15	"	"	"	"	"	
16193	" " "	♂	"	"	"	"	"	"	"	"	
16194	" " "	♂	"	"	"	"	"	"	"	"	
16195	" " "	♂	"	"	"	"	"	"	"	"	
16196	" " "	♂	"	"	June 20	"	"	"	"	"	
16197	" " "	♂	"	"	"	"	"	"	"	"	
16198	" " "	♂	"	"	Apr. 20	"	"	"	"	"	
16199	" " "	♂	"	"	"	"	"	"	"	"	
16199	" " "	♂	"	"	June 20	"	"	"	"	"	

M. R. COME

GONE BACK TO  
L. C. DENTON

Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16200		<i>Pyrrhuloxia sin. peninsulae.</i>	San Jose del Cabo, Lower Cal.	Aug. 23 1887	M. Abbott & Hayes	M. Abbott & Hayes	M. Abbott & Hayes	1887	Purchase.
16201		"	"	Oct. 29	"	"	"	"	"
16202		"	"	"	"	"	"	"	"
16203		"	"	"	"	"	"	"	"
16204		"	"	Jan. 3	"	"	"	"	"
16205		"	"	"	"	"	"	"	"
16206		"	"	"	"	"	"	"	"
16207		"	"	"	"	"	"	"	"
16208		"	"	Oct. 29	"	"	"	"	"
16209		"	"	"	"	"	"	"	"
16210		"	"	Nov. 10	"	"	"	"	"
16211		"	"	Feb. 7	"	"	"	"	"
16212		"	La Paz	May 6	"	"	"	"	"
16213		<i>Habia melanocephala, Sw.</i>	Sierra de la Laguna	"	"	"	"	"	"
16214		"	"	Feb. 11	"	"	"	"	"
16215		"	"	"	"	"	"	"	"
16216		"	"	"	"	"	"	"	"
16217		"	"	Mar. 19	"	"	"	"	"
16218		"	"	"	"	"	"	"	"
16219		"	"	"	"	"	"	"	"
16220		"	"	"	"	"	"	"	"
16221		"	"	Apr. 4	"	"	"	"	"
16222		"	Triunfo	Dec. 13	"	"	"	"	"
16223		"	San Jose del Rancho	"	"	"	"	"	"
16224		"	"	"	"	"	"	"	"
16225		"	"	"	"	"	"	"	"
16226		"	"	"	"	"	"	"	"
16227		"	San Jose del Rancho	July 22	"	"	"	"	"
16228		"	"	"	"	"	"	"	"
16229		"	"	"	"	"	"	"	"
16230		"	"	"	"	"	"	"	"
16231		"	"	"	"	"	"	"	"
16232		"	"	"	"	"	"	"	"
16233		<i>Guiraca c. eurhyncha.</i>	San Jose del Rancho	July 27	"	"	"	"	"
16234		"	San Jose del Rancho	Dec. 20	"	"	"	"	"
16235		"	San Jose del Cabo	Aug. 25	"	"	"	"	"
16236		"	"	Oct. 8	"	"	"	"	"
16237		"	"	"	"	"	"	"	"
16238		"	"	"	"	"	"	"	"
16239		"	"	"	"	"	"	"	"
16240		"	"	"	"	"	"	"	"
16241		"	"	Nov. 4	"	"	"	"	"
16242		"	"	Sep. 12	"	"	"	"	"
16243		"	"	"	"	"	"	"	"
16244		"	"	Oct. 8	"	"	"	"	"
16245		"	"	"	"	"	"	"	"
16246		<i>Calamospiza melanocorys</i>	"	Nov. 20	"	"	"	"	"
16247		"	"	Nov. 7	"	"	"	"	"
16248		"	"	Oct. 31	"	"	"	"	"
16249		"	"	Nov. 7	"	"	"	"	"

GONE IN EXCH. TO  
L. C. SANFORDGONE IN EXCH. TO  
L. C. SANFORDGONE IN EXCH. TO  
L. C. SANFORD

Exch. to Livingston

Catalogued by *J. W. T. Entwistle*

Catalogue Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
16250	<i>Calamospiza melanocorys</i>	♀	San Jose del Cabo, Lower Cal.	Nov. 7, 1887	M. A. H. Hager	M. A. H. Hager	M. A. H. Hager	1887	Purchase	
16251	"	♀	"	"	"	"	"	"	"	
16252	<i>Euspiza americana</i>	♀	"	Sept. 27	"	"	"	"	"	
16253	<i>Passerina amoena</i> Say	♀	"	Oct. 8	"	"	"	"	"	
16254	"	♀	"	"	"	"	"	"	"	
16255	"	♀	"	"	"	"	"	"	"	
16256	"	♀	"	14	"	"	"	"	"	
16257	"	♀	"	Aug. 16	"	"	"	"	"	
16258	"	♀	"	Oct. 17	"	"	"	"	"	
16259	"	♀	"	"	"	"	"	"	"	
16260	"	♀	"	8	"	"	"	"	"	
16261	"	♀	"	Sept. 29	"	"	"	"	"	
16262	"	♀	"	Dec. 9	"	"	"	"	"	
16263	"	♀	"	"	"	"	"	"	"	
16264	<i>Passerina v. pulchra</i> Ridg.	♀	San Jose del Rancho	"	"	"	"	"	"	
16265	"	♀	"	"	"	"	"	"	"	
16266	"	♀	"	"	"	"	"	"	"	
16267	"	♀	"	"	"	"	"	"	"	
16268	"	♀	"	"	"	"	"	"	"	
16269	"	♀	"	"	"	"	"	"	"	
16270	"	♀	"	"	"	"	"	"	"	
16271	"	♀	"	"	"	"	"	"	"	
16272	"	♀	"	"	"	"	"	"	"	
16273	"	♀	"	"	"	"	"	"	"	
16274	"	♀	"	"	"	"	"	"	"	
16275	"	♀	"	"	"	"	"	"	"	
16276	"	♀	"	"	"	"	"	"	"	
16277	"	♀	"	"	"	"	"	"	"	
16278	"	♀	"	"	"	"	"	"	"	
16279	"	♀	"	"	"	"	"	"	"	
16280	"	♀	"	"	"	"	"	"	"	
16281	"	♀	"	"	"	"	"	"	"	
16282	"	♀	"	"	"	"	"	"	"	
16283	"	♀	"	"	"	"	"	"	"	
16284	"	♀	"	"	"	"	"	"	"	
16285	"	♀	"	"	"	"	"	"	"	
16286	"	♀	"	"	"	"	"	"	"	
16287	"	♀	"	"	"	"	"	"	"	
16288	"	♀	"	"	"	"	"	"	"	
16289	"	♀	"	"	"	"	"	"	"	
16290	"	♀	"	"	"	"	"	"	"	
16291	"	♀	"	"	"	"	"	"	"	
16292	"	♀	"	"	"	"	"	"	"	
16293	"	♀	"	"	"	"	"	"	"	
16294	"	♀	"	"	"	"	"	"	"	
16295	"	♀	"	"	"	"	"	"	"	
16296	"	♀	"	"	"	"	"	"	"	
16297	"	♀	"	"	"	"	"	"	"	
16298	"	♀	"	"	"	"	"	"	"	
16299	"	♀	"	"	"	"	"	"	"	

GIVEN TO  
M. E. H.Given to John E. Hager  
by M. A. H. Hager

Exch. to H. H. I.

Given to John E. Hager

	Name.	Sex and Age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16300	<i>Passerina v. pulchra</i> , Ridg.	♂	Triunfo Lower Cal.	June 20/88	M. Allen Hayes	M. Allen Hayes	M. Allen Hayes	1887	Purchase	
16301	" " "	♂	" " "	" 21	" " "	" " "	" " "	"	"	
16302	" " "	♂	" " "	" 21	" " "	" " "	" " "	"	"	
16303	" " "	♂	" " "	" 22	" " "	" " "	" " "	"	"	
16304	" " "	♂	" " "	" 23	" " "	" " "	" " "	"	"	
16305	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16306	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16307	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16308	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16309	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16310	" " "	♂	" " "	" 23	" " "	" " "	" " "	"	"	
16311	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16312	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16313	" " "	♂	" " "	" 27	" " "	" " "	" " "	"	"	
16314	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16318	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16316	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16317	" " "	♂	" " "	" 28	" " "	" " "	" " "	"	"	
16318	" " "	♂	" " "	Dec 14	" " "	" " "	" " "	"	"	Given to John E. Hooper
16319	" " "	♂	San Jose del Rancho	" 23	" " "	" " "	" " "	"	"	
16320	" " "	♂	Triunfo	" 24	" " "	" " "	" " "	"	"	
16321	" " "	♂	" " "	Apr 13	" " "	" " "	" " "	"	"	
16322	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16323	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	GONNIN EXCH. H. K.
16324	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16325	" " "	♂	" " "	" 15	" " "	" " "	" " "	"	"	
16326	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16327	" " "	♂	" " "	" 18	" " "	" " "	" " "	"	"	Given to John E. Hooper
16328	" " "	♂	" " "	" 20	" " "	" " "	" " "	"	"	
16329	" " "	♂	" " "	" 21	" " "	" " "	" " "	"	"	Each to
16330	" " "	♂	" " "	June 13	" " "	" " "	" " "	"	"	
16331	" " "	♂	" " "	" 17	" " "	" " "	" " "	"	"	
16332	" " "	♂	" " "	" 18	" " "	" " "	" " "	"	"	
16333	" " "	♂	" " "	" 20	" " "	" " "	" " "	"	"	
16334	" " "	♂	" " "	" 23	" " "	" " "	" " "	"	"	GONNIN EXCH. F.
16335	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16336	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16337	" " "	♂	" " "	" 24	" " "	" " "	" " "	"	"	GONNIN EXCH. F.
16338	" " "	♂	" " "	" 25	" " "	" " "	" " "	"	"	
16339	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	GONNIN EXCH. F. L. C. SAN J. L. C. SAN J.
16340	" " "	♂	" " "	" 27	" " "	" " "	" " "	"	"	(the rest to H. E. Dutton)
16341	" " "	♂	San Jose del Rancho	July 5	" " "	" " "	" " "	"	"	
16342	" " "	♂	" " "	" 6	" " "	" " "	" " "	"	"	
16343	" " "	♂	" " "	" 7	" " "	" " "	" " "	"	"	GONNIN EXCH. F. H. K.
16344	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16345	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16346	" " "	♂	" " "	" 12	" " "	" " "	" " "	"	"	
16347	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
16348	" " "	♂	" " "	" 15	" " "	" " "	" " "	"	"	
16349	" " "	♂	" " "	" 19	" " "	" " "	" " "	"	"	



Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date. of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16350	<i>Passerina v. fulchra</i> , Ridg.	♂	San Jose del Rancho	End July, 19	1887	M. Abbott	M. Abbott	1887	Purchase	
16351	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16352	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16353	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16354	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16355	" " "	♂	San Jose del Cabo	Oct. 8	" " "	" " "	" " "	" " "	" " "	
16356	" " "	♂	" " "	Oct. 18	" " "	" " "	" " "	" " "	" " "	
16357	" " "	♂	" " "	Oct. 3	" " "	" " "	" " "	" " "	" " "	
16358	" " "	♂	" " "	Nov. 18	" " "	" " "	" " "	" " "	" " "	
16359	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16360	<i>Vanthocephalus vanthocephalus</i>	♂	San Jose del Cabo	Sep. 2	" " "	" " "	" " "	" " "	" " "	
16361	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16362	<i>Leucopygus cyaneus</i> , Bonap.	♂	" " "	Oct. 28	" " "	" " "	" " "	" " "	" " "	
16363	<i>Vanthocephalus vanthocephalus</i>	♂	" " "	Nov. 4	" " "	" " "	" " "	" " "	" " "	
16364	<i>Vanthocephalus vanthocephalus</i>	♂	La Paz	Nov. 18	" " "	" " "	" " "	" " "	" " "	
16365	<i>Agelaius phoeniceus</i> , sonoriensis	♂	San Jose del Cabo	Nov. 19	" " "	" " "	" " "	" " "	" " "	
16366	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16367	" " "	♂	San Jose del Cabo	" " "	" " "	" " "	" " "	" " "	" " "	
16368	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16369	" " "	♂	" " "	Sep. 21	" " "	" " "	" " "	" " "	" " "	
16370	" " "	♂	" " "	Aug. 28	" " "	" " "	" " "	" " "	" " "	
16371	<i>Melospiza ater obscurus</i>	♂	San Jose del Cabo	Nov. 17	" " "	" " "	" " "	" " "	" " "	
16372	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16373	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16374	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16375	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16376	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16377	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16378	" " "	♂	San Jose del Cabo	Sep. 20	" " "	" " "	" " "	" " "	" " "	
16379	<i>Sturnella magna neglecta</i>	♂	" " "	Oct. 17	" " "	" " "	" " "	" " "	" " "	
16380	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16381	" " "	♂	San Jose del Cabo	Nov. 17	" " "	" " "	" " "	" " "	" " "	
16382	<i>Sturnella magna neglecta</i>	♂	San Jose del Cabo	Dec. 5	" " "	" " "	" " "	" " "	" " "	
16383	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16384	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16385	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16386	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16387	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16388	" " "	♂	San Jose del Rancho	" " "	" " "	" " "	" " "	" " "	" " "	
16389	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16390	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16391	" " "	♂	" " "	Apr. 13	" " "	" " "	" " "	" " "	" " "	
16392	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16393	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16394	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16395	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16396	" " "	♂	" " "	Jun. 13	" " "	" " "	" " "	" " "	" " "	
16397	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16398	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	
16399	" " "	♂	" " "	" " "	" " "	" " "	" " "	" " "	" " "	

Each to Paris Museum

Catalogue Original number number	Name.	Sex and Age.	Taken at or near.	Date of capture.	Taken by	Skipped by	Received from	When received	By	Remarks.	
16400	<i>Icterus parisorum</i> , Bon.	♂	Triunfo	Lower Cal.	June 24, 1887	M. Abbott	Kazar	M. Abbott	Kazar	1887	Purchase.
16401	"	"	"	"	Dec. 3	"	"	"	"	"	"
16402	"	"	"	"	9	"	"	"	"	"	"
16403	"	"	"	"	14	"	"	"	"	"	"
16404	"	"	San Jose del Cabo	"	20	"	"	"	"	"	"
16405	"	"	Triunfo	"	Apr. 13	"	"	"	"	"	"
16406	"	"	"	"	"	"	"	"	"	"	"
16407	"	"	"	"	18	"	"	"	"	"	"
16408	"	"	"	"	"	"	"	"	"	"	"
16409	"	"	"	"	"	"	"	"	"	"	"
16410	"	"	"	"	June 18	"	"	"	"	"	"
16411	"	"	"	"	21	"	"	"	"	"	"
16412	"	"	"	"	"	"	"	"	"	"	"
16413	"	"	San Jose del Cabo	"	Aug. 31	"	"	"	"	"	"
16414	"	"	"	"	Sept. 29	"	"	"	"	"	"
16415	"	"	"	"	"	"	"	"	"	"	"
16416	"	"	"	"	"	"	"	"	"	"	"
16417	"	"	"	"	Oct. 4	"	"	"	"	"	"
16418	"	"	"	"	8	"	"	"	"	"	"
16419	"	"	"	"	Nov. 9	"	"	"	"	"	"
16420	"	"	"	"	Oct. 12	"	"	"	"	"	"
16421	"	"	"	"	17	"	"	"	"	"	"
16422	"	"	"	"	"	"	"	"	"	"	"
16423	"	"	"	"	25	"	"	"	"	"	"
16424	"	"	"	"	26	"	"	"	"	"	"
16425	"	"	"	"	8	"	"	"	"	"	"
16426	"	"	"	"	"	"	"	"	"	"	"
16427	"	"	"	"	10	"	"	"	"	"	"
16428	"	"	"	"	12	"	"	"	"	"	"
16429	"	"	"	"	28	"	"	"	"	"	"
16430	"	"	"	"	Nov. 4	"	"	"	"	"	"
16431	"	"	Rancho	"	July 8	"	"	"	"	"	"
16432	"	"	"	"	"	"	"	"	"	"	"
16433	"	"	"	"	9	"	"	"	"	"	"
16434	"	"	"	"	16	"	"	"	"	"	"
16435	"	"	"	"	29	"	"	"	"	"	"
16436	"	"	"	"	"	"	"	"	"	"	"
16437	"	"	"	"	"	"	"	"	"	"	"
16438	"	"	"	"	5	"	"	"	"	"	"
16439	"	"	"	"	6	"	"	"	"	"	"
16440	"	"	"	"	8	"	"	"	"	"	"
16441	"	"	"	"	"	"	"	"	"	"	"
16442	"	"	"	"	12	"	"	"	"	"	"
16443	"	"	"	"	26	"	"	"	"	"	"
16444	"	"	Sierra de la Laguna, d.	"	Apr. 27	"	"	"	"	"	"
16445	"	"	Sierra de la Laguna, Lower Cal.	"	May 9	"	"	"	"	"	"
16446	"	"	"	"	12	"	"	"	"	"	"
16447	"	"	"	"	14	"	"	"	"	"	"
16448	"	"	"	"	31	"	"	"	"	"	"
16449	"	"	"	"	"	"	"	"	"	"	"

CONTINUED  
H. K. COLE

Catalogue Original  
number number

Name.

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

16450	<i>Soturus parisorum</i> , Bon.	♂	Sierra de la Laguna, lower end.	June 6, 1887	M. Abbott	Erzazar	M. Abbott	Erzazar	M. Abbott	Erzazar	1887	Purchase	
16451	"	"	"	May 19	"	"	"	"	"	"	"	"	
16452	"	"	"	May 23	"	"	"	"	"	"	"	"	
16453	"	"	"	May 27	"	"	"	"	"	"	"	"	
16454	"	"	La Paz	July 18	"	"	"	"	"	"	"	"	
16455	"	"	"	Mar. 26	"	"	"	"	"	"	"	"	
16456	"	"	Santiago	Nov. 19	"	"	"	"	"	"	"	"	
16457	"	"	"	" 22	"	"	"	"	"	"	"	"	
16458	"	"	"	" 23	"	"	"	"	"	"	"	"	
16459	"	"	"	" 24	"	"	"	"	"	"	"	"	
16460	"	"	"	" 18	"	"	"	"	"	"	"	"	
16461	"	"	"	" 22	"	"	"	"	"	"	"	"	
16462	"	"	"	" 24	"	"	"	"	"	"	"	"	
16463	"	"	"	" 15	"	"	"	"	"	"	"	"	
16464	<i>C. <del>trichotis</del> <sup>trichotis</sup> <del>trichotis</del></i>	"	Trumfo	Dec. 15	"	"	"	"	"	"	"	"	
16465	"	"	"	Mar. 21	"	"	"	"	"	"	"	"	
16466	"	"	"	Apr. 11	"	"	"	"	"	"	"	"	
16467	"	"	"	" 13	"	"	"	"	"	"	"	"	
16468	"	"	"	" 11	"	"	"	"	"	"	"	"	
16469	"	"	"	" 15	"	"	"	"	"	"	"	"	
16470	"	"	"	" 18	"	"	"	"	"	"	"	"	
16471	"	"	"	" 20	"	"	"	"	"	"	"	"	
16472	"	"	"	" 21	"	"	"	"	"	"	"	"	
16473	"	"	"	" 23	"	"	"	"	"	"	"	"	
16474	"	"	"	" 24	"	"	"	"	"	"	"	"	
16475	"	"	"	" 21	"	"	"	"	"	"	"	"	
16476	"	"	"	" 21	"	"	"	"	"	"	"	"	
16477	"	"	"	" 21	"	"	"	"	"	"	"	"	
16478	"	"	"	" 21	"	"	"	"	"	"	"	"	
16479	"	"	"	" 23	"	"	"	"	"	"	"	"	
16480	"	"	"	" 24	"	"	"	"	"	"	"	"	
16481	"	"	"	" 24	"	"	"	"	"	"	"	"	
16482	"	"	"	" 24	"	"	"	"	"	"	"	"	
16483	"	"	"	" 24	"	"	"	"	"	"	"	"	
16484	"	"	"	" 24	"	"	"	"	"	"	"	"	
16485	"	"	"	" 24	"	"	"	"	"	"	"	"	
16486	"	"	"	" 24	"	"	"	"	"	"	"	"	
16487	"	"	"	" 24	"	"	"	"	"	"	"	"	
16488	"	"	"	" 24	"	"	"	"	"	"	"	"	
16489	"	"	"	" 24	"	"	"	"	"	"	"	"	
16490	"	"	"	" 24	"	"	"	"	"	"	"	"	
16491	"	"	"	" 24	"	"	"	"	"	"	"	"	
16492	"	"	"	" 24	"	"	"	"	"	"	"	"	
16493	"	"	"	" 24	"	"	"	"	"	"	"	"	
16494	"	"	"	" 24	"	"	"	"	"	"	"	"	
16495	"	"	"	" 24	"	"	"	"	"	"	"	"	
16496	"	"	"	" 24	"	"	"	"	"	"	"	"	
16497	"	"	"	" 24	"	"	"	"	"	"	"	"	
16498	"	"	"	" 24	"	"	"	"	"	"	"	"	
16499	"	"	"	" 24	"	"	"	"	"	"	"	"	

GONE IN EXCH. FOR  
H. M. COLEType

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received.	By	Remarks.	
16500	<i>Icterus c. nelsoni</i> , Ridg.	♀	Triunfo	Lower Cal.	Apr. 18, 1887	M. Abbott	Kragar	M. Abbott	Kragar	1887	Purchase.
16501	"	"	"	"	June 16	"	"	"	"	"	"
16502	"	"	"	"	" 24	"	"	"	"	"	"
16503	"	"	"	"	"	"	"	"	"	"	"
16504	"	"	"	"	"	"	"	"	"	"	"
16505	"	"	San Jose del Rancho	"	July 5	"	"	"	"	"	"
16506	"	"	"	"	"	"	"	"	"	"	"
16507	"	"	"	"	12	"	"	"	"	"	"
16508	"	"	La Paz	"	Feb. 6	"	"	"	"	"	"
16509	"	"	"	"	8	"	"	"	"	"	"
16510	"	"	"	"	15	"	"	"	"	"	"
16511	"	"	"	"	Mar 21	"	"	"	"	"	"
16512	"	"	"	"	Apr. 6	"	"	"	"	"	"
16513	"	"	San Jose del labo	"	Oct. 20	"	"	"	"	"	"
16514	"	"	"	"	21	"	"	"	"	"	"
16515	"	"	"	"	25	"	"	"	"	"	"
16516	"	"	"	"	"	"	"	"	"	"	"
16517	"	"	"	"	"	"	"	"	"	"	"
16518	"	"	"	"	26	"	"	"	"	"	"
16519	"	"	"	"	28	"	"	"	"	"	"
16520	"	"	"	"	"	"	"	"	"	"	"
16521	"	"	"	"	Apr 1	"	"	"	"	"	"
16522	<i>Aphelocoma c. hypoleuca</i>	♂	Triunfo	"	Apr. 13	"	"	"	"	"	"
16523	"	"	"	"	18	"	"	"	"	"	"
16524	"	"	"	"	20	"	"	"	"	"	"
16525	"	"	"	"	June 21	"	"	"	"	"	"
16526	"	"	"	"	" 24	"	"	"	"	"	"
16527	"	"	"	"	27	"	"	"	"	"	"
16528	"	"	"	"	"	"	"	"	"	"	"
16529	"	"	"	"	Dec 5	"	"	"	"	"	"
16530	"	"	"	"	"	"	"	"	"	"	"
16531	"	"	"	"	"	"	"	"	"	"	"
16532	"	"	"	"	"	"	"	"	"	"	"
16533	"	"	"	"	"	"	"	"	"	"	"
16534	"	"	"	"	6	"	"	"	"	"	"
16535	"	"	"	"	"	"	"	"	"	"	"
16536	"	"	"	"	"	"	"	"	"	"	"
16537	"	"	"	"	7	"	"	"	"	"	"
16538	"	"	"	"	"	"	"	"	"	"	"
16539	"	"	"	"	"	"	"	"	"	"	"
16540	"	"	"	"	"	"	"	"	"	"	"
16541	"	"	"	"	13	"	"	"	"	"	"
16542	"	"	"	"	14	"	"	"	"	"	"
16543	"	"	"	"	15	"	"	"	"	"	"
16544	"	"	"	"	"	"	"	"	"	"	"
16545	"	"	"	"	"	"	"	"	"	"	"
16546	"	"	"	"	"	"	"	"	"	"	"
16547	"	"	"	"	"	"	"	"	"	"	"
16548	"	"	"	"	17	"	"	"	"	"	"
16549	"	"	"	"	"	"	"	"	"	"	"

Given to Dr. A. J. Suttell

Exch. to Livingston

Given to Dr. A. J. Sattl

Exch. to D. S. Sattl

Catalogue Original  
number number

Name.

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

Catalogued by *C. H. Dutton.*

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16550	<i>Aphelocoma c. hypoleuca.</i>	♂	San Jose del Rancho, Lower Cal.	Dec. 20, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
16551	"	♂	Trinidad	" 26 "	"	"	"	"	"	
16552	"	♂	"	" 26 "	"	"	"	"	"	
16553	"	♂	"	Apr. 15 "	"	"	"	"	"	
16554	"	♂	"	" 20 "	"	"	"	"	"	
16555	"	♂	"	June "	"	"	"	"	"	
16556	"	♂	"	Dec 6 "	"	"	"	"	"	
16557	"	♂	"	" "	"	"	"	"	"	
16558	"	♂	"	" "	"	"	"	"	"	
16559	"	♂	"	" "	"	"	"	"	"	
16560	"	♂	"	" 7 "	"	"	"	"	"	
16561	"	♂	"	" "	"	"	"	"	"	
16562	"	♂	"	" 8 "	"	"	"	"	"	
16563	"	♂	"	" 9 "	"	"	"	"	"	
16564	"	♂	"	" "	"	"	"	"	"	
16565	"	♂	"	" "	"	"	"	"	"	
16566	"	♂	"	" 12 "	"	"	"	"	"	
16567	"	♂	"	" "	"	"	"	"	"	
16568	"	♂	"	" "	"	"	"	"	"	
16569	"	♂	"	" 14 "	"	"	"	"	"	
16570	"	♂	"	" "	"	"	"	"	"	
16571	"	♂	"	" 15 "	"	"	"	"	"	
16572	"	♂	"	" "	"	"	"	"	"	
16573	"	♂	"	" "	"	"	"	"	"	
16574	"	♂	"	" 17 "	"	"	"	"	"	
16575	"	♂	"	" "	"	"	"	"	"	
16576	"	♂	"	" 26 "	"	"	"	"	"	
16577	"	♂	"	" "	"	"	"	"	"	
16578	"	♂	Santiago	Nov. 23 "	"	"	"	"	"	
16579	"	♂	"	" 24 "	"	"	"	"	"	
16580	"	♂	"	" 17 "	"	"	"	"	"	
16581	"	♂	"	" 21 "	"	"	"	"	"	
16582	"	♂	"	" 23 "	"	"	"	"	"	
16583	"	♂	"	" "	"	"	"	"	"	
16584	"	♂	"	" 24 "	"	"	"	"	"	
16585	"	♂	"	" 25 "	"	"	"	"	"	
16586	"	♂	La Paz	Feb. 5 "	"	"	"	"	"	
16587	"	♂	"	" 9 "	"	"	"	"	"	
16588	"	♂	"	" "	"	"	"	"	"	
16589	"	♂	"	" "	"	"	"	"	"	
16590	"	♂	"	" "	"	"	"	"	"	
16591	"	♂	"	" 11 "	"	"	"	"	"	
16592	"	♂	"	" "	"	"	"	"	"	
16593	"	♂	"	" 24 "	"	"	"	"	"	
16594	"	♂	"	Mar 18 "	"	"	"	"	"	
16595	"	♂	"	Apr. 4 "	"	"	"	"	"	
16596	"	♂	"	" "	"	"	"	"	"	
16597	"	♂	"	" "	"	"	"	"	"	
16598	"	♂	"	Feb. 4 "	"	"	"	"	"	
16599	"	♂	"	" 11 "	"	"	"	"	"	

Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received.	By	Remarks.
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16600	<i>Aphelocoma c. hypoleuca</i>	♂	La Paz, Lower Cal.	Feb. 11, 1887	M. Abbott Tragar	M. Abbott Tragar	M. Abbott Tragar	1887.	Purchase	
16601	"	♀	San Jose del Cabo,	Oct. 31	"	"	"	"	"	
16602	"	♀	"	"	"	"	"	"	"	
16603	"	♀	"	Nov. 2	"	"	"	"	"	
16604	"	♀	"	"	"	"	"	"	"	
16605	"	♀	"	"	"	"	"	"	"	
16606	"	♀	"	"	"	"	"	"	"	
16607	"	♀	"	"	"	"	"	"	"	
16608	"	♀	"	"	"	"	"	"	"	
16609	"	♀	"	"	"	"	"	"	"	
16610	"	♀	"	"	"	"	"	"	"	
16611	"	♀	"	"	"	"	"	"	"	
16612	"	♀	"	"	"	"	"	"	"	
16613	"	♀	Sierra de la Laguna	May 5	"	"	"	"	"	Sent to E. R. to return in exchange, ringed.
16614	"	♀	"	"	"	"	"	"	"	Review to Museum for
16615	"	♀	"	"	"	"	"	"	"	
16616	"	♀	"	"	"	"	"	"	"	
16617	"	♀	"	June 6	"	"	"	"	"	
16618	"	♀	"	"	"	"	"	"	"	Sent to E. R.
16619	"	♀	"	"	"	"	"	"	"	
16620	"	♀	"	"	"	"	"	"	"	Review to
16621	"	♀	"	"	"	"	"	"	"	
16622	"	♀	"	"	"	"	"	"	"	
16623	"	♀	"	May 5	"	"	"	"	"	
16624	"	♀	"	"	"	"	"	"	"	
16625	"	♀	"	June 6	"	"	"	"	"	
16626	"	♀	"	"	"	"	"	"	"	
16627	"	♀	"	"	"	"	"	"	"	
16628	"	♀	"	"	"	"	"	"	"	
16629	<i>Phainopepla nitens</i>	♂	San Jose del Rancho	July 5	"	"	"	"	"	
16630	"	♀	"	"	"	"	"	"	"	
16631	"	♀	"	"	"	"	"	"	"	
16632	"	♀	"	"	"	"	"	"	"	
16633	"	♀	"	"	"	"	"	"	"	
16634	"	♀	"	"	"	"	"	"	"	
16635	"	♀	"	"	"	"	"	"	"	
16636	"	♀	"	"	"	"	"	"	"	
16637	"	♀	"	"	"	"	"	"	"	Review to Museum for exchange, ringed, March 11, 1887 = MCZ 10924
16638	"	♀	"	"	"	"	"	"	"	
16639	"	♀	"	"	"	"	"	"	"	
16640	"	♀	"	"	"	"	"	"	"	Review to E. R. to return in exchange, ringed, March 11, 1887 = MCZ 10924
16641	"	♀	"	"	"	"	"	"	"	Reviewed
16642	"	♀	"	"	"	"	"	"	"	
16643	"	♀	"	"	"	"	"	"	"	
16644	"	♀	"	"	"	"	"	"	"	
16645	"	♀	"	"	"	"	"	"	"	
16646	"	♀	"	"	"	"	"	"	"	
16647	"	♀	"	"	"	"	"	"	"	
16648	"	♀	"	"	"	"	"	"	"	
16649	"	♀	"	"	"	"	"	"	"	

Catalogue Original  
number number

[illegible]



Catalogue Original  
number number

Catalogued by *S. H. Denton*

Name. Sex and age. Taken at or near. Date of capture. Taken by. Skinned by. Received from. When received. By. Remarks.

16700	<i>Tyrannus vociferans</i> , Sw.	♀	San Jose del Cabo, Lower Cal.	Oct 25, 1887	M. Alt. H. H. H.	M. Alt. H. H. H.	M. Alt. H. H. H.	1887	Purchase	
16701	"	"	"	"	"	"	"	"	"	
16702	"	"	" Rancho	July 21	"	"	"	"	"	
16703	"	"	"	" 27	"	"	"	"	"	
16704	<i>M. garrulus cinerascens</i> .	"	"	" 27	"	"	"	"	"	
16705	"	"	" Cabo	Oct. 31	"	"	"	"	"	
16706	"	"	"	"	"	"	"	"	"	
16707	"	"	"	Nov 1	"	"	"	"	"	
16708	"	"	"	Oct 31	"	"	"	"	"	
16709	"	"	"	Nov 1	"	"	"	"	"	
16710	"	"	" Triunfo	Apr 11	"	"	"	"	"	
16711	"	"	"	" 13	"	"	"	"	"	
16712	"	"	"	Dec 9	"	"	"	"	"	
16713	"	"	La Paz	" 9	"	"	"	"	"	
16714	"	"	"	"	"	"	"	"	"	
16715	"	"	"	"	"	"	"	"	"	
16716	"	"	"	"	"	"	"	"	"	
16717	"	"	"	"	"	"	"	"	"	
16718	"	"	"	"	"	"	"	"	"	
16719	"	"	"	"	"	"	"	"	"	
16720	"	"	"	"	"	"	"	"	"	
16721	"	"	"	"	"	"	"	"	"	
16722	"	"	"	"	"	"	"	"	"	
16723	"	"	"	"	"	"	"	"	"	
16724	"	"	"	" 18	"	"	"	"	"	
16725	"	"	"	"	"	"	"	"	"	
16726	"	"	"	"	"	"	"	"	"	
16727	"	"	"	Mar. 24	"	"	"	"	"	
16728	"	"	"	Feb 9	"	"	"	"	"	
16729	"	"	"	"	"	"	"	"	"	
16730	"	"	"	"	"	"	"	"	"	
16731	"	"	"	"	"	"	"	"	"	
16732	"	"	"	" 13	"	"	"	"	"	
16733	"	"	"	" 18	"	"	"	"	"	
16734	"	"	"	"	"	"	"	"	"	
16735	"	"	"	Mar 24	"	"	"	"	"	
16736	"	"	"	" 80	"	"	"	"	"	
16737	<i>Sayornis nigricans</i> <sup>viridula</sup>	"	San Jose del Cabo	Apr 28	"	"	"	"	"	
16738	"	"	"	Oct 3	"	"	"	"	"	
16739	"	"	"	" 11	"	"	"	"	"	
16740	"	"	"	" 14	"	"	"	"	"	
16741	"	"	"	Nov 11	"	"	"	"	"	
16742	"	"	"	Apr 28	"	"	"	"	"	
16743	"	"	"	"	"	"	"	"	"	
16744	"	"	"	Oct 11	"	"	"	"	"	
16745	"	"	"	" 14	"	"	"	"	"	
16746	"	"	"	" 19	"	"	"	"	"	
16747	"	"	"	" 25	"	"	"	"	"	
16748	"	"	"	" 28	"	"	"	"	"	
16749	"	"	"	"	"	"	"	"	"	

Key  
GUREN  
H. H. H.

Exch. H. H. H.

Sent in exchange to Philadelphia Academy

Exch. H. H. H.

Sent in exchange to Philadelphia Academy

Sent in exchange to Philadelphia Academy

Sent in exchange to Philadelphia Academy

Spec

Catalogued by *S. W. Denton.*

Catalogue Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16750.	<i>Sayornis nigricans</i> , Sw.	♂	Triunfo.	Lower Cal.	Dec. 7. 1887.	M. Abbott Hagar	M. Abbott Hagar	M. Abbott Hagar	1887	Purchase.
16751.	"	"	"	"	Apr. 13	"	"	"	"	"
16752.	"	"	"	"	"	"	"	"	"	"
16753.	"	"	"	"	"	"	"	"	"	"
16754.	"	"	"	"	23	"	"	"	"	"
16755.	"	"	"	"	June	"	"	"	"	"
16756.	"	"	"	"	24	"	"	"	"	"
16757.	"	"	"	"	Dec. 7	"	"	"	"	"
16758.	"	"	"	"	Apr. 13	"	"	"	"	"
16759.	"	"	"	"	21	"	"	"	"	"
16760.	"	"	"	"	June 24	"	"	"	"	"
16761.	"	"	"	"	"	"	"	"	"	"
16762.	"	"	San Jose del Rancho	"	July 26	"	"	"	"	"
16763.	"	"	"	"	21	"	"	"	"	"
16764.	"	"	Sierra de la Laguna	"	May. 30	"	"	"	"	"
16765.	"	"	Victoria Witte.	"	Mar. 11	"	"	"	"	"
16766.	"	"	Santiago	"	Nov. 16	"	"	"	"	"
16767.	"	"	"	"	21	"	"	"	"	"
16768.	"	"	"	"	18	"	"	"	"	"
16769.	"	"	"	"	24	"	"	"	"	"
16770.	"	sayi, Bonap.	La Paz.	"	Feb. 15	"	"	"	"	"
16771.	"	"	"	"	23	"	"	"	"	"
16772.	"	"	"	"	24	"	"	"	"	"
16773.	<i>Contopus richardsonii</i>	"	Triunfo	"	June 13	"	"	"	"	"
16774.	"	"	"	"	18	"	"	"	"	"
16775.	"	"	"	"	21	"	"	"	"	"
16776.	"	"	"	"	27	"	"	"	"	"
16777.	"	"	"	"	18	"	"	"	"	"
16778.	"	"	"	"	16	"	"	"	"	"
16779.	"	"	"	"	18	"	"	"	"	"
16780.	"	"	"	"	23	"	"	"	"	"
16781.	"	"	"	"	27	"	"	"	"	"
16782.	"	"	San Jose del Rancho	"	July 5	"	"	"	"	"
16783.	"	"	"	"	6	"	"	"	"	"
16784.	"	"	"	"	"	"	"	"	"	"
16785.	"	"	"	"	25	"	"	"	"	"
16786.	"	"	"	"	13	"	"	"	"	"
16787.	"	"	"	"	15	"	"	"	"	"
16788.	"	"	"	"	21	"	"	"	"	"
16789.	"	"	Sierra de la Laguna	"	May. 9	"	"	"	"	"
16790.	"	"	"	"	"	"	"	"	"	"
16791.	"	"	"	"	11	"	"	"	"	"
16792.	"	"	"	"	"	"	"	"	"	"
16793.	"	"	"	"	13	"	"	"	"	"
16794.	"	"	"	"	"	"	"	"	"	"
16795.	"	"	"	"	14	"	"	"	"	"
16796.	"	"	"	"	"	"	"	"	"	"
16797.	"	"	"	"	"	"	"	"	"	"
16798.	"	"	"	"	15	"	"	"	"	"
16799.	"	"	"	"	16	"	"	"	"	"

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Catalogued by *J. W. Denton*.

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16800	<i>Contopus richardsonii</i>	♂	Sierra de la Laguna Lower End	May 16, 1887	M. Abbott Hazar	M. Abbott Hazar	M. Abbott Hazar	1887	Purchase	
16801	"	♂	"	"	"	"	"	"	"	
16802	"	♂	"	"	"	"	"	"	"	
16803	"	♂	"	"	"	"	"	"	"	
16804	"	♂	"	"	"	"	"	"	"	
16805	"	♂	"	"	"	"	"	"	"	
16806	"	♂	"	"	"	"	"	"	"	
16807	"	♂	"	"	"	"	"	"	"	
16808	"	♂	"	"	"	"	"	"	"	
16809	"	♂	"	"	"	"	"	"	"	
16810	"	♂	"	"	"	"	"	"	"	GOULD EXCH. H. K. COLLEGE
16811	"	♂	"	"	"	"	"	"	"	
16812	"	♂	"	"	"	"	"	"	"	
16813	"	♂	"	"	"	"	"	"	"	
16814	"	♂	"	"	"	"	"	"	"	
16815	"	♂	"	"	"	"	"	"	"	
16816	"	♂	"	"	"	"	"	"	"	
16817	"	♂	"	"	"	"	"	"	"	
16818	"	♂	"	"	"	"	"	"	"	Sent in exchange to Philadelphia
16819	"	♂	"	"	"	"	"	"	"	
16820	"	♂	"	"	"	"	"	"	"	
16821	"	♂	"	"	"	"	"	"	"	
16822	"	♂	"	"	"	"	"	"	"	
16823	"	♂	"	"	"	"	"	"	"	
16824	"	♂	"	"	"	"	"	"	"	
16825	"	♂	"	"	"	"	"	"	"	
16826	"	♂	"	"	"	"	"	"	"	
16827	"	♂	"	"	"	"	"	"	"	
16828	"	♂	"	"	"	"	"	"	"	
16829	"	♂	"	"	"	"	"	"	"	
16830	"	♂	"	"	"	"	"	"	"	
16831	"	♂	"	"	"	"	"	"	"	
16832	"	♂	"	"	"	"	"	"	"	
16833	"	♂	"	"	"	"	"	"	"	
16834	"	♂	"	"	"	"	"	"	"	
16835	"	♂	"	"	"	"	"	"	"	
16836	"	♂	"	"	"	"	"	"	"	Sent in exchange to Philadelphia
16837	"	♂	"	"	"	"	"	"	"	
16838	"	♂	"	"	"	"	"	"	"	
16839	"	♂	"	"	"	"	"	"	"	
16840	"	♂	"	"	"	"	"	"	"	
16841	<i>Empidonax griseus</i>	♂	San Jacinto	Oct 29	"	"	"	"	"	GOULD EXCH. H. K. COLLEGE Exch. to Berlin
16842	"	♂	"	"	"	"	"	"	"	
16843	"	♂	"	"	"	"	"	"	"	
16844	"	♂	"	"	"	"	"	"	"	
16845	"	♂	"	"	"	"	"	"	"	
16846	"	♂	"	"	"	"	"	"	"	
16847	"	♂	"	"	"	"	"	"	"	
16848	"	♂	"	"	"	"	"	"	"	
16849	"	♂	"	"	"	"	"	"	"	

Catalogued by *O. W. Dendron*.

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
16850	<i>Empidonax griseus.</i>	♂	San Jose del Cabo, Lower Cal.	Oct. 31, 1887	M. Abbott Sraja	M. Abbott Sraja	M. Abbott Sraja	1887	Purchase.	
16851	"	♀	"	"	"	"	"	"	"	
16852	"	♀	"	Nov. 1	"	"	"	"	"	
16853	"	♀	"	"	"	"	"	"	"	
16854	"	♀	"	"	"	"	"	"	"	
16855	"	♀	"	"	"	"	"	"	"	
16856	"	♀	"	"	"	"	"	"	"	
16857	"	♀	"	"	"	"	"	"	"	
16858	"	♀	"	"	"	"	"	"	"	
16859	"	♀	"	"	"	"	"	"	"	
16860	"	♀	"	"	"	"	"	"	"	
16861	"	♀	"	"	"	"	"	"	"	
16862	"	♀	"	"	"	"	"	"	"	
16863	"	♀	"	"	"	"	"	"	"	
16864	"	♀	"	"	"	"	"	"	"	Exch. to Berlin Mus.
16865	"	♀	"	"	"	"	"	"	"	
16866	"	♀	"	"	"	"	"	"	"	
16867	"	♀	"	"	"	"	"	"	"	
16868	"	♀	"	"	"	"	"	"	"	
16869	"	♀	"	"	"	"	"	"	"	
16870	"	♀	"	"	"	"	"	"	"	
16871	"	♀	"	"	"	"	"	"	"	
16872	"	♀	"	"	"	"	"	"	"	
16873	"	♀	"	"	"	"	"	"	"	
16874	"	♀	"	"	"	"	"	"	"	
16875	"	♀	"	"	"	"	"	"	"	
16876	"	♀	"	"	"	"	"	"	"	Exch.
16877	"	♀	"	"	"	"	"	"	"	
16878	"	♀	"	"	"	"	"	"	"	
16879	"	♀	"	"	"	"	"	"	"	
16880	"	♀	"	"	"	"	"	"	"	
16881	"	♀	"	"	"	"	"	"	"	Exch. to Berlin Museum
16882	"	♀	"	"	"	"	"	"	"	
16883	"	♀	"	"	"	"	"	"	"	
16884	"	♀	"	"	"	"	"	"	"	
16885	"	♀	"	"	"	"	"	"	"	
16886	"	♀	"	"	"	"	"	"	"	
16887	"	♀	"	"	"	"	"	"	"	
16888	"	♀	"	"	"	"	"	"	"	
16889	"	♀	"	"	"	"	"	"	"	Type of new species
16890	"	♀	"	"	"	"	"	"	"	
16891	"	♀	"	"	"	"	"	"	"	
16892	"	♀	"	"	"	"	"	"	"	
16893	"	♀	"	"	"	"	"	"	"	
16894	"	♀	"	"	"	"	"	"	"	
16895	"	♀	"	"	"	"	"	"	"	
16896	"	♀	"	"	"	"	"	"	"	Exch. to Berlin Mus.
16897	"	♀	"	"	"	"	"	"	"	
16898	"	♀	"	"	"	"	"	"	"	
16899	"	♀	"	"	"	"	"	"	"	

Catalogue Original  
number number

Name.

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

16900	<i>Empidonax griseus</i>	♂	La Paz, Lower Cal.	Feb. 11, 1887	M. Abbott	Lazar	M. Abbott	Lazar	M. Abbott	Lazar	1887	Purchase	Type of new species
16901	"	♀	"	Mar. 23	"	"	"	"	"	"	"	"	"
16902	"	♀	"	" 26	"	"	"	"	"	"	"	"	"
16903	"	♀	"	"	"	"	"	"	"	"	"	"	"
16904	"	♀	"	"	"	"	"	"	"	"	"	"	"
16905	<i>Empidonax cinereus</i> , Brew.	♂	Santiago	Nov. 15	"	"	"	"	"	"	"	"	"
16906	"	♀	La Paz	Mar. 2	"	"	"	"	"	"	"	"	"
16907	"	♀	"	"	"	"	"	"	"	"	"	"	"
16908	"	♀	Sierra de la Laguna	Apr. 27	"	"	"	"	"	"	"	"	"
16909	"	♀	"	" 30	"	"	"	"	"	"	"	"	"
16910	"	♀	"	May 2	"	"	"	"	"	"	"	"	"
16911	"	♀	"	" 5	"	"	"	"	"	"	"	"	"
16912	"	♀	"	" 9	"	"	"	"	"	"	"	"	Gone in exchange to Univ. Mich.
16913	"	♀	"	" 10	"	"	"	"	"	"	"	"	Presented to Univ. Mich.
16914	"	♀	"	" 12	"	"	"	"	"	"	"	"	"
16915	"	♀	"	"	"	"	"	"	"	"	"	"	Shot by James E. Taylor, near La Paz
16916	"	♀	"	"	"	"	"	"	"	"	"	"	"
16917	"	♀	"	" 14	"	"	"	"	"	"	"	"	"
16918	"	♀	"	" 16	"	"	"	"	"	"	"	"	"
16919	"	♀	"	" 21	"	"	"	"	"	"	"	"	"
16920	"	♀	"	" 25	"	"	"	"	"	"	"	"	"
16921	"	♀	"	" 27	"	"	"	"	"	"	"	"	"
16922	"	♀	"	June 2	"	"	"	"	"	"	"	"	"
16923	"	♀	"	" 6	"	"	"	"	"	"	"	"	"
16924	"	♀	"	Apr. 27	"	"	"	"	"	"	"	"	Exch. to University of Mich.
16925	"	♀	"	May 2	"	"	"	"	"	"	"	"	"
16926	"	♀	"	" 3	"	"	"	"	"	"	"	"	"
16927	"	♀	"	" 10	"	"	"	"	"	"	"	"	"
16928	"	♀	"	" 17	"	"	"	"	"	"	"	"	"
16929	"	♀	"	"	"	"	"	"	"	"	"	"	"
16930	"	♀	San Jose del Rancho	June 6	"	"	"	"	"	"	"	"	"
16931	"	♀	"	July 6	"	"	"	"	"	"	"	"	"
16932	"	♀	"	" 28	"	"	"	"	"	"	"	"	"
16933	<i>difficilis</i>	♀	Santiago	Nov. 15	"	"	"	"	"	"	"	"	"
16934	<i>cinereus</i> (?) Brew.	♀	La Paz	Feb. 4	"	"	"	"	"	"	"	"	"
16935	"	♀	"	" 14	"	"	"	"	"	"	"	"	"
16936	<i>difficilis</i> , Band	♀	San Jose del Rancho	Dec. 20	"	"	"	"	"	"	"	"	"
16937	"	♀	"	" 21	"	"	"	"	"	"	"	"	"
16938	"	♀	"	" 23	"	"	"	"	"	"	"	"	"
16939	"	♀	"	"	"	"	"	"	"	"	"	"	"
16940	<i>Pyrocephalus r. mexicanus</i>	♀	"	Nov. 13	"	"	"	"	"	"	"	"	"
16941	"	♀	"	"	"	"	"	"	"	"	"	"	"
16942	"	♀	"	"	"	"	"	"	"	"	"	"	"
16943	"	♀	"	"	"	"	"	"	"	"	"	"	"
16944	"	♀	"	"	"	"	"	"	"	"	"	"	"
16945	"	♀	"	" 16	"	"	"	"	"	"	"	"	"
16946	"	♀	"	" 21	"	"	"	"	"	"	"	"	"
16947	"	♀	"	" 15	"	"	"	"	"	"	"	"	"
16948	"	♀	"	" 16	"	"	"	"	"	"	"	"	"
16949	"	♀	"	" 19	"	"	"	"	"	"	"	"	"

Catalogued by S. M. Denton.

Catalogued by *A. N. Sauter*

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.	
16950.	<i>Dryocophalus r. mexicanus</i>	♀	Santiago.	Lower Cal.	Nov. 21, 1887.	M. Abbott Hagar	M. Abbott Hagar	M. Abbott Hagar	1887	Purchase	Hyphant
16951	"	"	San Jose del Cabo.	"	Oct 3	"	"	"	"	"	"
16952	"	"	"	"	10	"	"	"	"	"	"
16953	"	"	"	"	"	"	"	"	"	"	"
16954	"	"	"	"	19	"	"	"	"	"	"
16955	"	"	"	"	3	"	"	"	"	"	"
16956	"	"	"	"	4	"	"	"	"	"	"
16957	"	"	"	"	Nov. 9	"	"	"	"	"	"
16958	"	"	Santiago	"	21	"	"	"	"	"	"
16959	<i>Basilinna vanlusi</i> , "Laur.	♀	San Jose del Rancho	"	July 5	"	"	"	"	"	"
16960	"	"	"	"	7	"	"	"	"	"	"
16961	"	"	"	"	9	"	"	"	"	"	"
16962	"	"	"	"	12	"	"	"	"	"	"
16963	"	"	"	"	"	"	"	"	"	"	"
16964	"	"	"	"	"	"	"	"	"	"	"
16965	"	"	"	"	14	"	"	"	"	"	"
16966	"	"	"	"	"	"	"	"	"	"	"
16967	"	"	"	"	15	"	"	"	"	"	"
16968	"	"	"	"	"	"	"	"	"	"	"
16969	"	"	"	"	"	"	"	"	"	"	"
16970	"	"	"	"	"	"	"	"	"	"	"
16971	"	"	"	"	"	"	"	"	"	"	"
16972	"	"	"	"	16	"	"	"	"	"	"
16973	"	"	"	"	"	"	"	"	"	"	"
16974	"	"	"	"	19	"	"	"	"	"	"
16975	"	"	"	"	"	"	"	"	"	"	"
16976	"	"	"	"	"	"	"	"	"	"	"
16977	"	"	"	"	20	"	"	"	"	"	"
16978	"	"	"	"	"	"	"	"	"	"	"
16979	"	"	"	"	21	"	"	"	"	"	"
16980	"	"	"	"	23	"	"	"	"	"	"
16981	"	"	"	"	"	"	"	"	"	"	"
16982	"	"	"	"	25	"	"	"	"	"	"
16983	"	"	"	"	"	"	"	"	"	"	"
16984	"	"	"	"	26	"	"	"	"	"	"
16985	"	"	"	"	"	"	"	"	"	"	"
16986	"	"	"	"	"	"	"	"	"	"	"
16987	"	"	"	"	27	"	"	"	"	"	"
16988	"	"	"	"	"	"	"	"	"	"	"
16989	"	"	"	"	"	"	"	"	"	"	"
16990	"	"	"	"	"	"	"	"	"	"	"
16991	"	"	"	"	28	"	"	"	"	"	"
16992	"	"	"	"	"	"	"	"	"	"	"
16993	"	"	"	"	29	"	"	"	"	"	"
16994	"	"	"	"	12	"	"	"	"	"	"
16995	"	"	"	"	13	"	"	"	"	"	"
16996	"	"	"	"	"	"	"	"	"	"	"
16997	"	"	"	"	14	"	"	"	"	"	"
16998	"	"	"	"	19	"	"	"	"	"	"
16999	"	"	"	"	"	"	"	"	"	"	"

Exch. to Paris Museum

Exch. to Paris Museum

Exch. in exch. to St. George's Museum

not in coll.  
5 Aug. 1887

CONSERVED TO  
A. N. Sauter

Exch. to Paris Museum

Exch. to Count Sauter  
not in coll. 5 Aug. 1887

Catalogue Original  
number number

Name,

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received By

Remarks.

Catalogued by *S. W. Denton.*

17000	<i>Basilinna vantusi</i> Saw.	♀	San Jose del Rancho, Lower Cal.	July 21. 1887	M. Abbott Esazar	M. Abbott Esazar	M. Abbott Esazar	1887	Purchase	Exch. to Paris Mus.
17001	"	"	"	"	"	"	"	"	"	"
17002	"	"	"	"	"	"	"	"	"	"
17003	"	"	"	"	"	"	"	"	"	"
17004	"	"	"	"	"	"	"	"	"	"
17005	"	"	"	"	"	"	"	"	"	"
17006	"	"	"	"	"	"	"	"	"	"
17007	"	"	"	"	"	"	"	"	"	"
17008	"	"	"	"	"	"	"	"	"	"
17009	"	"	"	"	"	"	"	"	"	Exch. to Paris Mus.
17010	"	"	"	"	"	"	"	"	"	"
17011	"	"	"	"	"	"	"	"	"	"
17012	"	"	"	"	"	"	"	"	"	"
17013	"	"	"	"	"	"	"	"	"	"
17014	"	"	"	"	"	"	"	"	"	"
17015	"	"	"	"	"	"	"	"	"	"
17016	"	"	"	"	"	"	"	"	"	"
17017	"	"	"	"	"	"	"	"	"	"
17018	"	"	"	"	"	"	"	"	"	"
17019	"	"	Labo	Aug. 24	"	"	"	"	"	"
17020	"	"	"	"	"	"	"	"	"	"
17021	"	"	"	"	"	"	"	"	"	"
17022	"	"	"	"	"	"	"	"	"	"
17023	"	"	"	"	"	"	"	"	"	"
17024	"	"	"	"	"	"	"	"	"	"
17025	"	"	"	"	"	"	"	"	"	"
17026	"	"	"	"	"	"	"	"	"	"
17027	"	"	"	"	"	"	"	"	"	"
17028	"	"	"	"	"	"	"	"	"	"
17029	"	"	"	"	"	"	"	"	"	"
17030	"	"	"	"	"	"	"	"	"	"
17031	"	"	"	"	"	"	"	"	"	"
17032	"	"	"	"	"	"	"	"	"	"
17033	"	"	"	"	"	"	"	"	"	"
17034	"	"	"	"	"	"	"	"	"	"
17035	"	"	"	"	"	"	"	"	"	"
17036	"	"	"	"	"	"	"	"	"	"
17037	"	"	"	"	"	"	"	"	"	"
17038	"	"	"	"	"	"	"	"	"	"
17039	"	"	"	"	"	"	"	"	"	"
17040	"	"	"	"	"	"	"	"	"	"
17041	"	"	"	"	"	"	"	"	"	"
17042	"	"	"	"	"	"	"	"	"	"
17043	"	"	San Jose del Rancho,	"	"	"	"	"	"	"
17044	"	"	Santiago	"	"	"	"	"	"	"
17045	"	"	"	"	"	"	"	"	"	"
17046	"	"	"	"	"	"	"	"	"	"
17047	"	"	"	"	"	"	"	"	"	"
17048	"	"	"	"	"	"	"	"	"	"
17049	"	"	Victoria Mts.	"	"	"	"	"	"	"

Went to each to  
A. L. Butler



Catalogued by *S. M. Denton.*

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skipped by	Received from	When received	By	Remarks.
17050	<i>Basilinna yantusi</i> Larr.	♂	Victoria Mts. Lower End	Nov. 11. 1887	M. Abbott Hays	M. Abbott Hays	M. Abbott Hays	1887	Purchase.	
17051	"	"	"	"	"	"	"	"	"	
17052	"	"	"	"	"	"	"	"	"	
17053	"	"	"	"	"	"	"	"	"	
17054	"	"	"	"	"	"	"	"	"	
17055	"	"	"	"	"	"	"	"	"	
17056	"	"	"	"	"	"	"	"	"	
17057	"	"	"	"	"	"	"	"	"	
17058	"	"	"	"	"	"	"	"	"	
17059	"	"	"	"	"	"	"	"	"	
17060	"	"	"	"	"	"	"	"	"	
17061	"	"	"	"	"	"	"	"	"	
17062	"	"	"	"	"	"	"	"	"	
17063	<i>Grochilus costae</i> , " Bourc.	♂	La Paz	Feb. 9	"	"	"	"	"	
17064	"	"	"	"	"	"	"	"	"	
17065	"	"	"	"	15	"	"	"	"	
17066	"	"	"	"	23	"	"	"	"	
17067	"	"	"	"	24	"	"	"	"	
17068	"	"	"	"	Mar. 19	"	"	"	"	
17069	"	"	"	"	22	"	"	"	"	
17070	"	"	"	"	"	"	"	"	"	
17071	"	"	"	"	23	"	"	"	"	
17072	"	"	"	"	26	"	"	"	"	
17073	"	"	"	"	30	"	"	"	"	
17074	"	"	"	"	"	"	"	"	"	
17075	"	"	"	"	"	"	"	"	"	
17076	"	"	"	"	Feb. 2	"	"	"	"	
17077	"	"	"	"	5	"	"	"	"	
17078	"	"	"	"	7	"	"	"	"	
17079	"	"	"	"	9	"	"	"	"	
17080	"	"	"	"	11	"	"	"	"	
17081	"	"	"	"	14	"	"	"	"	
17082	"	"	"	"	24	"	"	"	"	
17083	"	"	"	"	"	"	"	"	"	
17084	"	"	"	"	"	"	"	"	"	
17085	"	"	"	"	Mar. 19	"	"	"	"	
17086	"	"	"	"	21	"	"	"	"	
17087	"	"	"	"	"	"	"	"	"	
17088	"	"	"	"	22	"	"	"	"	
17089	"	"	"	"	"	"	"	"	"	
17090	"	"	"	"	23	"	"	"	"	
17091	"	"	"	"	30	"	"	"	"	
17092	"	"	"	"	"	"	"	"	"	
17093	"	"	"	"	Apr. 6	"	"	"	"	
17094	"	"	San Jose del Rancho	July 28	"	"	"	"	"	
17095	"	"	"	14	"	"	"	"	"	
17096	"	"	"	28	"	"	"	"	"	
17097	"	"	"	"	"	"	"	"	"	
17098	"	"	"	"	"	"	"	"	"	
17099	"	"	"	"	Apr. 15	"	"	"	"	

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17100	<i>Trochilus costae</i> Bourc.		Trumfo, Lower	Oct. 11, 1887	M. Abbott	Trumfo	M. Abbott	Trumfo	1887	Purchase
17101	<i>alleni</i> , <i>Humb.</i>		Victoria Mts.	Mar. 11, "	"	"	"	"	"	"
17102	<i>Chordeiles leucotis</i> , Lawr.		Trumfo	June 11, "	"	"	"	"	"	"
17103	"	"	"	"	"	"	"	"	"	"
17104	"	"	"	"	"	"	"	"	"	"
17105	"	"	"	"	"	"	"	"	"	"
17106	"	"	"	"	"	"	"	"	"	"
17107	"	"	"	"	"	"	"	"	"	"
17108	"	"	"	"	"	"	"	"	"	"
17109	"	"	"	"	"	"	"	"	"	"
17110	"	"	"	"	"	"	"	"	"	"
17111	"	"	"	"	"	"	"	"	"	"
17112	"	"	"	"	"	"	"	"	"	"
17113	"	"	"	"	"	"	"	"	"	"
17114	"	"	"	"	"	"	"	"	"	"
17115	"	"	"	"	"	"	"	"	"	"
17116	"	"	"	"	"	"	"	"	"	"
17117	"	"	"	"	"	"	"	"	"	"
17118	"	"	"	"	"	"	"	"	"	"
17119	"	"	"	"	"	"	"	"	"	"
17120	"	"	"	"	"	"	"	"	"	"
17121	"	"	"	"	"	"	"	"	"	"
17122	"	"	"	"	"	"	"	"	"	"
17123	<i>Analaptes nult. nitidus</i>		San Jose del Cato	Oct. 31, "	"	"	"	"	"	"
17124	"	"	Sierra de la Laguna	June 2, "	"	"	"	"	"	"
17125	<i>Micropterus melanoleucus</i> Bd.		"	May 14, "	"	"	"	"	"	"
17126	"	"	"	"	"	"	"	"	"	"
17127	<i>Coccyzus a. occidentalis</i>		San Jose del Rancho	July 5, "	"	"	"	"	"	"
17128	"	"	"	"	"	"	"	"	"	"
17129	"	"	"	"	"	"	"	"	"	"
17130	"	"	"	"	"	"	"	"	"	"
17131	"	"	"	"	"	"	"	"	"	"
17132	"	"	"	"	"	"	"	"	"	"
17133	"	"	"	"	"	"	"	"	"	"
17134	"	"	"	"	"	"	"	"	"	"
17135	"	"	"	"	"	"	"	"	"	"
17136	"	"	"	"	"	"	"	"	"	"
17137	"	"	"	"	"	"	"	"	"	"
17138	"	"	"	"	"	"	"	"	"	"
17139	"	"	"	"	"	"	"	"	"	"
17140	"	"	"	"	"	"	"	"	"	"
17141	"	"	"	"	"	"	"	"	"	"
17142	"	"	"	"	"	"	"	"	"	"
17143	"	"	"	"	"	"	"	"	"	"
17144	<i>Crotophaga sulcirostris</i>		Lebo	Aug. 23, "	"	"	"	"	"	"
17145	"	"	"	"	"	"	"	"	"	"
17146	"	"	"	"	"	"	"	"	"	"
17147	"	"	"	"	"	"	"	"	"	"
17148	"	"	"	"	"	"	"	"	"	"
17149	"	"	"	"	"	"	"	"	"	"

Original number

Name.

Sex and age.

Taken at or near.

Date of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

17150	<i>Colaptes subcinctus</i>	♂	San Jose del Cabo, Lower Cal.	Oct. 12 1887	M. Abbott	Tragar	M. Abbott	Tragar	M. Abbott	Tragar	1887	Purchase.	
17151	"	"	"	"	"	"	"	"	"	"	"	"	
17152	"	"	"	"	"	"	"	"	"	"	"	"	
17153	"	"	"	"	"	"	"	"	"	"	"	"	
17154	"	"	"	"	"	"	"	"	"	"	"	"	
17155	"	"	"	"	"	"	"	"	"	"	"	"	
17156	"	"	"	"	"	"	"	"	"	"	"	"	
17157	"	"	"	"	"	"	"	"	"	"	"	"	
17158	"	"	"	"	"	"	"	"	"	"	"	"	
17159	"	"	"	"	"	"	"	"	"	"	"	"	
17160	"	"	"	"	"	"	"	"	"	"	"	"	
17161	"	"	"	"	"	"	"	"	"	"	"	"	
17162	"	"	"	"	"	"	"	"	"	"	"	"	
17163	<i>Ceryle alcyon</i> , Linn.	♂	"	"	"	"	"	"	"	"	"	"	
17164	"	"	"	"	"	"	"	"	"	"	"	"	
17165	"	"	"	"	"	"	"	"	"	"	"	"	
17166	"	"	"	"	"	"	"	"	"	"	"	"	
17167	"	"	"	"	"	"	"	"	"	"	"	"	
17168	"	"	"	"	"	"	"	"	"	"	"	"	
17169	"	"	"	"	"	"	"	"	"	"	"	"	
17170	"	"	"	"	"	"	"	"	"	"	"	"	
17171	"	"	"	"	"	"	"	"	"	"	"	"	
17172	"	"	"	"	"	"	"	"	"	"	"	"	
17173	"	"	"	"	"	"	"	"	"	"	"	"	
17174	"	"	"	"	"	"	"	"	"	"	"	"	
17175	<i>Dryobates lucorum</i>	♂	Guaymas, Mexico.	Jan. 18	"	"	"	"	"	"	"	"	
17176	"	"	San Jose del Cabo, Lower Cal.	Oct. 29	"	"	"	"	"	"	"	"	
17177	"	"	"	"	"	"	"	"	"	"	"	"	
17178	"	"	"	"	"	"	"	"	"	"	"	"	
17179	"	"	"	"	"	"	"	"	"	"	"	"	
17180	"	"	"	"	"	"	"	"	"	"	"	"	
17181	"	"	"	"	"	"	"	"	"	"	"	"	
17182	"	"	"	"	"	"	"	"	"	"	"	"	
17183	"	"	"	"	"	"	"	"	"	"	"	"	
17184	"	"	"	"	"	"	"	"	"	"	"	"	
17185	"	"	"	"	"	"	"	"	"	"	"	"	
17186	"	"	"	"	"	"	"	"	"	"	"	"	
17187	"	"	"	"	"	"	"	"	"	"	"	"	
17188	"	"	"	"	"	"	"	"	"	"	"	"	
17189	"	"	"	"	"	"	"	"	"	"	"	"	
17190	"	"	"	"	"	"	"	"	"	"	"	"	
17191	"	"	"	"	"	"	"	"	"	"	"	"	
17192	"	"	"	"	"	"	"	"	"	"	"	"	
17193	"	"	"	"	"	"	"	"	"	"	"	"	
17194	"	"	"	"	"	"	"	"	"	"	"	"	
17195	"	"	"	"	"	"	"	"	"	"	"	"	
17196	"	"	"	"	"	"	"	"	"	"	"	"	
17197	"	"	"	"	"	"	"	"	"	"	"	"	
17198	"	"	"	"	"	"	"	"	"	"	"	"	
17199	"	"	"	"	"	"	"	"	"	"	"	"	

to Seiler

Catalogue Original number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
17200		<i>Oryzobates lucasanus</i>		Santiago	Lower Cal.	Nov. 24. 1887	M. Abbott Thayer	M. Abbott Thayer	M. Abbott Thayer	1887	Purchase
17201		"		"	"	"	"	"	"	"	"
17202		"		"	"	"	"	"	"	"	"
17203		"		"	"	"	"	"	"	"	"
17204		"		"	"	"	"	"	"	"	"
17205		"		"	"	"	"	"	"	"	"
17206		"		Triunfo	"	Dec. 5	"	"	"	"	"
17207		"		"	"	"	"	"	"	"	"
17208		"		"	"	"	"	"	"	"	"
17209		"		"	"	"	"	"	"	"	"
17210		"		"	"	"	"	"	"	"	"
17211		"		San Jose del Rancho	"	"	"	"	"	"	"
17212		"		Triunfo	"	"	"	"	"	"	"
17213		"		"	"	"	"	"	"	"	"
17214		"		"	"	"	"	"	"	"	"
17215		"		"	"	"	"	"	"	"	"
17216		"		"	"	"	"	"	"	"	"
17217		"		"	"	"	"	"	"	"	"
17218		"		"	"	"	"	"	"	"	"
17219		"		"	"	"	"	"	"	"	"
17220		"		"	"	"	"	"	"	"	"
17221		"		"	"	"	"	"	"	"	"
17222		"		"	"	"	"	"	"	"	"
17223		"		San Jose del Rancho	"	"	"	"	"	"	"
17224		"		Triunfo	"	"	"	"	"	"	"
17225		"		"	"	"	"	"	"	"	Exch. to H. H. Bangs
17226		"		"	"	"	"	"	"	"	"
17227		"		La Paz	"	Feb. 2	"	"	"	"	"
17228		"		"	"	"	"	"	"	"	"
17229		"		"	"	"	"	"	"	"	Exch. to H. H. Bangs
17230		"		"	"	"	"	"	"	"	Sent in exch. to Seilern
17231		"		"	"	"	"	"	"	"	Exch. to H. H. Bangs
17232		"		"	"	"	"	"	"	"	"
17233		"		"	"	"	"	"	"	"	"
17234		"		"	"	"	"	"	"	"	"
17235		"		"	"	"	"	"	"	"	"
17236		"		"	"	"	"	"	"	"	"
17237		"		"	"	"	"	"	"	"	"
17238		"		"	"	"	"	"	"	"	"
17239		"		"	"	"	"	"	"	"	"
17240		<i>Melanerpes f. angustifrons</i>		San Jose del Rancho	"	"	"	"	"	"	Sent in exch. to Seilern
17241		"		"	"	"	"	"	"	"	"
17242		"		"	"	"	"	"	"	"	"
17243		"		"	"	"	"	"	"	"	"
17244		"		"	"	"	"	"	"	"	"
17245		"		"	"	"	"	"	"	"	"
17246		"		"	"	"	"	"	"	"	"
17247		"		"	"	"	"	"	"	"	"
17248		"		"	"	"	"	"	"	"	"
17249		"		"	"	"	"	"	"	"	"



Catalogued by *H. W. Genton*.

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17300	<i>Melanerpes f. angustifrons</i>	♂	Sierra de la Laguna, Lower Cal	June 3, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
17301	"	♂	"	"	"	"	"	"	"	
17302	"	♂	"	"	"	"	"	"	"	
17303	"	♂	"	"	"	"	"	"	"	
17304	"	♂	"	"	"	"	"	"	"	
17305	"	♂	"	"	"	"	"	"	"	
17306	"	♂	"	"	"	"	"	"	"	
17307	"	♂	"	"	"	"	"	"	"	
17308	"	♂	"	Nov 28	"	"	"	"	"	
17309	"	♂	"	Apr. 29	"	"	"	"	"	WENT IN EXCH. TO H. K. COAL
17310	"	♂	"	"	"	"	"	"	"	
17311	"	♂	"	May 2	"	"	"	"	"	
17312	"	♂	"	12	"	"	"	"	"	
17313	"	♂	"	"	"	"	"	"	"	
17314	"	♂	"	"	"	"	"	"	"	
17315	"	♂	"	"	"	"	"	"	"	
17316	"	♂	"	17	"	"	"	"	"	
17317	"	♂	"	23	"	"	"	"	"	
17318	"	♂	"	27	"	"	"	"	"	
17319	"	♂	"	28	"	"	"	"	"	
17320	"	♂	"	31	"	"	"	"	"	
17321	"	♂	"	"	"	"	"	"	"	
17322	"	♂	"	"	"	"	"	"	"	
17323	"	♂	"	"	"	"	"	"	"	
17324	"	♂	"	"	"	"	"	"	"	
17325	"	♂	"	"	"	"	"	"	"	
17326	"	♂	"	"	"	"	"	"	"	
17327	"	♂	"	June 2	"	"	"	"	"	
17328	"	♂	"	3	"	"	"	"	"	
17329	"	♂	"	"	"	"	"	"	"	
17330	"	♂	"	"	"	"	"	"	"	
17331	"	♂	"	"	"	"	"	"	"	
17332	"	♂	"	"	"	"	"	"	"	
17333	"	♂	"	"	"	"	"	"	"	
17334	"	♂	"	Nov 30	"	"	"	"	"	
17335	"	♂	"	"	"	"	"	"	"	
17336	<i>Centurus argyrialis</i> , Bcl.	♂	Santiago	17	"	"	"	"	"	
17337	"	♂	"	18	"	"	"	"	"	
17338	"	♂	"	"	"	"	"	"	"	
17339	"	♂	"	21	"	"	"	"	"	
17340	"	♂	"	22	"	"	"	"	"	
17341	"	♂	"	"	"	"	"	"	"	
17342	"	♂	"	"	"	"	"	"	"	
17343	"	♂	"	"	"	"	"	"	"	
17344	"	♂	"	"	"	"	"	"	"	
17345	"	♂	"	24	"	"	"	"	"	
17346	"	♂	"	"	"	"	"	"	"	
17347	"	♂	"	25	"	"	"	"	"	
17348	"	♂	"	"	"	"	"	"	"	
17349	"	♂	"	18	"	"	"	"	"	

To M. A. Gray, Aug. 10, 1902 in exchange

Sent in exch. to Seilern  
*H. W. Henshaw*

Lent to Museum Comp. July 1, 1904

Catalogue Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
17350	<i>Centurus uropygialis</i> , Bd.	♀	Santiago Lower Cal.	Nov. 18, 1887	M. Abbott Gray	M. Abbott Gray	M. Abbott Gray	1887	Purchase	
17351	"	"	"	19	"	"	"	"	"	
17352	"	"	"	22	"	"	"	"	"	
17353	"	"	"	23	"	"	"	"	"	
17354	"	"	"	24	"	"	"	"	"	
17355	"	"	"	25	"	"	"	"	"	
17356	"	"	Triunfo	Dec. 5	"	"	"	"	"	
17357	"	"	"	"	"	"	"	"	"	
17358	"	"	"	6	"	"	"	"	"	Given to Museum Comp.
17359	"	"	"	"	"	"	"	"	"	
17360	"	"	Sent in exch. to Seilern	7	"	"	"	"	"	Given to Museum Comp.
17361	"	"	"	"	"	"	"	"	"	Sent in exch. to Seilern
17362	"	"	"	"	"	"	"	"	"	
17363	"	"	"	8	"	"	"	"	"	
17364	"	"	"	"	"	"	"	"	"	
17365	"	"	"	9	"	"	"	"	"	
17366	"	"	"	"	"	"	"	"	"	
17367	"	"	Sent in exch. to Seilern	"	"	"	"	"	"	Sent in exch. to Seilern
17368	"	"	"	"	"	"	"	"	"	
17369	"	"	"	12	"	"	"	"	"	
17370	"	"	"	"	"	"	"	"	"	
17371	"	"	"	"	"	"	"	"	"	
17372	"	"	"	"	"	"	"	"	"	
17373	"	"	"	"	"	"	"	"	"	
17374	"	"	"	"	"	"	"	"	"	
17375	"	"	"	"	"	"	"	"	"	
17376	"	"	"	13	"	"	"	"	"	
17377	"	"	"	14	"	"	"	"	"	
17378	"	"	"	"	"	"	"	"	"	(In Ex. to C. H. Mathews)
17379	"	"	"	"	"	"	"	"	"	
17380	"	"	"	"	"	"	"	"	"	
17381	"	"	"	15	"	"	"	"	"	
17382	"	"	"	"	"	"	"	"	"	
17383	"	"	"	"	"	"	"	"	"	
17384	"	"	"	"	"	"	"	"	"	
17385	"	"	"	"	"	"	"	"	"	
17386	"	"	"	"	"	"	"	"	"	Given to Museum Comp.
17387	"	"	"	"	"	"	"	"	"	
17388	"	"	"	"	"	"	"	"	"	
17389	"	"	"	"	"	"	"	"	"	
17390	"	"	Sent in exch. to Seilern	17	"	"	"	"	"	
17391	"	"	"	26	"	"	"	"	"	
17392	"	"	"	"	"	"	"	"	"	Given to Museum Comp.
17393	"	"	"	5	"	"	"	"	"	
17394	"	"	"	"	"	"	"	"	"	
17395	"	"	"	7	"	"	"	"	"	
17396	"	"	"	"	"	"	"	"	"	
17397	"	"	"	9	"	"	"	"	"	
17398	"	"	"	"	"	"	"	"	"	
17399	"	"	"	12	"	"	"	"	"	





Catalogue Original  
number number

Catalogued by *S. M. Dutton.*

	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17450	<i>Centurus uropygialis</i> , Bcl.	♀	San Jose del Norte, Sonora Cal.	Nov. 7, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase	
17451	"	"	"	"	"	"	"	"	"	
17452	"	"	"	"	"	"	"	"	"	
17453	"	"	"	"	"	"	"	"	"	
17454	"	"	"	"	"	"	"	"	"	
17455	"	"	"	"	"	"	"	"	"	
17456	"	"	"	"	"	"	"	"	"	
17457	"	"	"	"	"	"	"	"	"	
17458	"	"	"	"	"	"	"	"	"	
17459	"	"	"	"	"	"	"	"	"	
17460	"	"	"	"	"	"	"	"	"	
17461	"	"	"	"	"	"	"	"	"	
17462	"	"	"	"	"	"	"	"	"	
17463	"	"	"	"	"	"	"	"	"	
17464	<i>Colaptes chrysoides</i> , Muth.	♀	Triunfo	Feb. 2	"	"	"	"	"	
17465	"	"	"	"	"	"	"	"	"	
17466	"	"	"	"	"	"	"	"	"	
17467	"	"	"	"	"	"	"	"	"	
17468	"	"	"	"	"	"	"	"	"	
17469	"	"	"	"	"	"	"	"	"	
17470	"	"	"	"	"	"	"	"	"	
17471	"	"	"	"	"	"	"	"	"	
17472	"	"	"	"	"	"	"	"	"	
17473	"	"	"	"	"	"	"	"	"	
17474	"	"	"	"	"	"	"	"	"	
17475	"	"	"	"	"	"	"	"	"	
17476	"	"	"	"	"	"	"	"	"	
17477	"	"	"	"	"	"	"	"	"	
17478	"	"	"	"	"	"	"	"	"	
17479	"	"	"	"	"	"	"	"	"	
17480	"	"	"	"	"	"	"	"	"	
17481	"	"	"	"	"	"	"	"	"	
17482	"	"	"	"	"	"	"	"	"	
17483	"	"	"	"	"	"	"	"	"	
17484	"	"	"	"	"	"	"	"	"	
17485	"	"	"	"	"	"	"	"	"	
17486	"	"	"	"	"	"	"	"	"	
17487	"	"	"	"	"	"	"	"	"	
17488	"	"	"	"	"	"	"	"	"	
17489	"	"	"	"	"	"	"	"	"	
17490	"	"	"	"	"	"	"	"	"	
17491	"	"	"	"	"	"	"	"	"	
17492	"	"	"	"	"	"	"	"	"	
17493	"	"	"	"	"	"	"	"	"	
17494	"	"	"	"	"	"	"	"	"	
17495	"	"	"	"	"	"	"	"	"	
17496	"	"	"	"	"	"	"	"	"	
17497	"	"	"	"	"	"	"	"	"	
17498	"	"	"	"	"	"	"	"	"	
17499	"	"	"	"	"	"	"	"	"	

Sent in exch. to Seilern  
Sent

	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17500	<i>Colaptes chrysoides</i> , <i>Mall.</i>	♀	Triunfo, Lower Cal.	Dec. 5, 1887	M. Abbott Tragar	M. Abbott Tragar	M. Abbott Tragar	1887	Purchase.	
17501	"	"	"	"	"	"	"	"	"	
17502	"	"	"	"	"	"	"	"	"	
17503	"	"	"	"	"	"	"	"	"	
17504	"	"	"	"	"	"	"	"	"	
17505	"	"	"	"	"	"	"	"	"	
17506	"	"	"	"	"	"	"	"	"	
17507	"	"	"	"	"	"	"	"	"	
17508	"	"	"	"	"	"	"	"	"	
17509	"	"	"	"	"	"	"	"	"	
17510	"	"	"	"	"	"	"	"	"	
17511	"	"	"	"	"	"	"	"	"	
17512	"	"	"	"	"	"	"	"	"	
17513	"	"	"	"	"	"	"	"	"	
17514	"	"	"	"	"	"	"	"	"	
17515	"	"	"	"	"	"	"	"	"	Sent in exch. to Seilern
17516	"	"	"	"	"	"	"	"	"	
17517	"	"	"	"	"	"	"	"	"	
17518	"	"	"	"	"	"	"	"	"	
17519	"	"	"	"	"	"	"	"	"	
17520	"	"	"	"	"	"	"	"	"	
17521	"	"	"	"	"	"	"	"	"	
17522	"	"	"	"	"	"	"	"	"	
17523	"	"	"	"	"	"	"	"	"	
17524	"	"	"	"	"	"	"	"	"	
17525	"	"	"	"	"	"	"	"	"	
17526	"	"	"	"	"	"	"	"	"	
17527	"	"	"	"	"	"	"	"	"	
17528	"	"	"	"	"	"	"	"	"	
17529	"	"	"	"	"	"	"	"	"	
17530	"	"	"	"	"	"	"	"	"	
17531	"	"	"	"	"	"	"	"	"	
17532	"	"	"	"	"	"	"	"	"	
17533	"	"	"	"	"	"	"	"	"	
17534	"	"	"	"	"	"	"	"	"	
17535	"	"	"	"	"	"	"	"	"	
17536	"	"	"	"	"	"	"	"	"	
17537	"	"	"	"	"	"	"	"	"	
17538	"	"	"	"	"	"	"	"	"	
17539	"	"	"	"	"	"	"	"	"	
17540	"	"	"	"	"	"	"	"	"	
17541	"	"	"	"	"	"	"	"	"	
17542	"	"	"	"	"	"	"	"	"	
17543	"	"	"	"	"	"	"	"	"	
17544	"	"	"	"	"	"	"	"	"	
17545	"	"	"	"	"	"	"	"	"	
17546	"	"	"	"	"	"	"	"	"	
17547	"	"	"	"	"	"	"	"	"	
17548	"	"	"	"	"	"	"	"	"	
17549	"	"	"	"	"	"	"	"	"	

Sent in exch. to Seilern

GONE IN EXCH. TO

H. K. COALE

1887

Wachsmuth, Trochan

Catalogued by *S. M. Peckham*

Catalogue Original number number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17550.	<i>Colaptes chrysoides</i> , Malh.	♂	San Jose del Cato, Lower Cal.	Nov. 10. 1887.	M. Abbott Ingar	M. Abbott Ingar	M. Abbott Ingar	1887	Purchase	
17551.	"	"	"	" 8	"	"	"	"	"	
17552.	"	"	"	"	"	"	"	"	"	
17553.	"	"	"	" 5	"	"	"	"	"	
17554.	"	"	"	" 2	"	"	"	"	"	
17555.	"	"	"	" 3	"	"	"	"	"	
17556.	<i>Agialitis nirova</i> , Cass.	♂	"	Sep. 10	"	"	"	"	"	
17557.	"	"	"	" 13	"	"	"	"	"	
17558.	"	"	"	" 19	"	"	"	"	"	
17559.	"	"	"	Oct. 4	"	"	"	"	"	
17560.	"	"	"	"	"	"	"	"	"	
17561.	"	"	"	" 15	"	"	"	"	"	
17562.	"	"	"	Nov. 9	"	"	"	"	"	
17563.	"	"	"	Sep. 7	"	"	"	"	"	
17564.	"	"	"	"	"	"	"	"	"	
17565.	"	"	"	"	"	"	"	"	"	
17566.	"	"	"	" 10	"	"	"	"	"	
17567.	"	"	"	"	"	"	"	"	"	
17568.	"	"	"	"	"	"	"	"	"	
17569.	"	"	"	" 12	"	"	"	"	"	
17570.	"	"	"	"	"	"	"	"	"	
17571.	"	"	"	" 14	"	"	"	"	"	
17572.	"	"	"	"	"	"	"	"	"	
17573.	"	"	"	" 17	"	"	"	"	"	
17574.	"	"	"	"	"	"	"	"	"	
17575.	"	"	"	" 19	"	"	"	"	"	
17576.	"	"	"	" 24	"	"	"	"	"	
17577.	"	"	"	" 30	"	"	"	"	"	
17578.	"	"	"	Oct. 4	"	"	"	"	"	
17579.	"	"	"	" 6	"	"	"	"	"	
17580.	"	"	"	" 11	"	"	"	"	"	
17581.	"	"	"	"	"	"	"	"	"	
17582.	"	"	"	" 10	"	"	"	"	"	
17583.	"	"	"	"	"	"	"	"	"	
17584.	"	"	"	" 22	"	"	"	"	"	
17587.	"	"	"	"	"	"	"	"	"	
17588.	"	"	"	"	"	"	"	"	"	
17589.	"	"	"	"	"	"	"	"	"	
17590.	"	"	"	"	"	"	"	"	"	
17591.	"	"	"	" 26	"	"	"	"	"	
17592.	"	"	"	"	"	"	"	"	"	
17593.	"	"	"	"	"	"	"	"	"	
17594.	"	"	"	"	"	"	"	"	"	
17595.	"	"	"	Nov. 9	"	"	"	"	"	
17596.	"	"	"	"	"	"	"	"	"	
17597.	"	"	"	"	"	"	"	"	"	
17598.	"	"	"	"	"	"	"	"	"	
17599.	"	"	"	"	"	"	"	"	"	

Excl. to *Exhibition*.

CONTINUED ON p. 200.

CONTINUED ON p. 200.

Catalogue number	Original number	Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17600		<i>Aegialitis nirosa</i> , <i>Cass.</i>	♂	San Jose del Cabo, Lower Cal. Nov. 9, 1887		M. Abbott Hagar	M. Abbott Hagar	M. Abbott Hagar	1887	Purchase	
17601		"	♂	"	"	"	"	"	"	"	
17602		"	♂	"	"	"	"	"	"	"	
17603		"	♂	"	"	"	"	"	"	"	
17604		" <i>semipalmata</i>	♂	"	"	"	"	"	"	"	
17605		"	♂	"	"	"	"	"	"	"	
17606		<i>Aegialitis semipalmata</i> .	♂	San Jose del Cabo Lower Cal. Aug. 28		"	"	"	"	"	
17607		"	♂	"	Sept. 10.	"	"	"	"	"	
17608		"	♂	"	"	"	"	"	"	"	
17609		"	♂	"	"	"	"	"	"	"	
17610		"	♂	"	"	"	"	"	"	"	
17611		"	♂	"	"	"	"	"	"	"	
17612		"	♂	"	"	"	"	"	"	"	
17613		"	♂	"	"	"	"	"	"	"	
17614		"	♂	"	"	"	"	"	"	"	
17615		"	♂	"	"	"	"	"	"	"	
17616		"	♂	"	"	"	"	"	"	"	
17617		"	♂	"	"	"	"	"	"	"	
17618		"	♂	"	"	"	"	"	"	"	
17619		"	♂	"	"	"	"	"	"	"	
17620		<i>wilsonae</i> , <i>Ord.</i>	♂	San Jose del Cabo	"	"	"	"	"	"	
17621		"	♂	"	"	"	"	"	"	"	
17622		"	♂	"	"	"	"	"	"	"	
17623		"	♂	"	"	"	"	"	"	"	
17624		"	♂	"	"	"	"	"	"	"	
17625		"	♂	"	"	"	"	"	"	"	
17626		"	♂	"	"	"	"	"	"	"	
17627		"	♂	"	"	"	"	"	"	"	
17628		"	♂	"	"	"	"	"	"	"	
17629		"	♂	"	"	"	"	"	"	"	
17630		"	♂	"	"	"	"	"	"	"	
17631		"	♂	"	"	"	"	"	"	"	
17632		"	♂	"	"	"	"	"	"	"	
17633		"	♂	"	"	"	"	"	"	"	
17634		"	♂	"	"	"	"	"	"	"	
17635		"	♂	"	"	"	"	"	"	"	
17636		<i>vocifera</i> <i>Linna.</i>	♂	San Jose del Cabo, Lower Cal. Sep. 2		"	"	"	"	"	
17637		"	♂	"	"	"	"	"	"	"	
17638		"	♂	"	"	"	"	"	"	"	
17639		"	♂	"	"	"	"	"	"	"	
17640		"	♂	"	"	"	"	"	"	"	
17641		"	♂	"	"	"	"	"	"	"	
17642		"	♂	"	"	"	"	"	"	"	
17643		"	♂	"	"	"	"	"	"	"	
17644		"	♂	"	"	"	"	"	"	"	
17645		"	♂	"	"	"	"	"	"	"	
17646		"	♂	"	"	"	"	"	"	"	
17647		"	♂	"	"	"	"	"	"	"	
17648		"	♂	"	"	"	"	"	"	"	
17649		"	♂	"	"	"	"	"	"	"	

*Good* *ac. sei semipalmata*

*Good* *ac. sei semipalmata*

*Good* *ac. sei semipalmata*

*Good* *ac. sei semipalmata*

Catalogue Original  
number number

Name.	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received.	By	Remarks.
17650 <i>Aegialitis vocifera</i> , Linn.		San José del Cabo, Lower Cal.	May 17, 1887	M. Abbott Inagar	M. Abbott Inagar	M. Abbott Inagar	1887	Purchase	
17651	"	"	"	"	"	"	"	"	
17652	"	"	"	"	"	"	"	"	
17653	"	"	"	"	"	"	"	"	
17654	"	"	"	"	"	"	"	"	
17655	"	"	"	"	"	"	"	"	
17656 <i>Charadrius dominicus</i> .		San José del Cabo	Oct. 18	"	"	"	"	"	
17657 <i>squatarola</i> , Linn.		"	Nov. 9	"	"	"	"	"	
17658	"	"	Oct. 18	"	"	"	"	"	
17659	"	"	Nov. 9	"	"	"	"	"	
17660	"	"	Nov. 9	"	"	"	"	"	
17661	"	"	"	"	"	"	"	"	
17662	"	"	Mar. 12	"	"	"	"	"	
17663	"	Loreto	"	"	"	"	"	"	
17664 <i>Arremonia interpres</i>		Carmen Island	Oct. 21	"	"	"	"	"	
17665	"	San José del Cabo	Sep. 7	"	"	"	"	"	
17666	"	"	Oct. 12	"	"	"	"	"	
17667	"	"	Oct. 21	"	"	"	"	"	
17668	"	Loreto	Mar. 12	"	"	"	"	"	
17669	"	"	"	"	"	"	"	"	
17670 <i>Gallinago wilsoni</i>		San José del Cabo	Aug. 26	"	"	"	"	"	
17671	"	"	Sep. 31	"	"	"	"	"	
17672	"	"	Sep. 6	"	"	"	"	"	
17673	"	"	Oct. 12	"	"	"	"	"	
17674	"	"	Oct. 19	"	"	"	"	"	
17675	"	"	Oct. 11	"	"	"	"	"	
17676	"	"	Sep. 19	"	"	"	"	"	
17677	"	"	Oct. 4	"	"	"	"	"	
17678	"	"	Oct. 10	"	"	"	"	"	
17679	"	"	Sep. 19	"	"	"	"	"	
17680	"	"	Oct. 21	"	"	"	"	"	
17681 <i>Macrocramphus sedgwickii</i> .		"	Aug. 25	"	"	"	"	"	
17682	"	"	"	"	"	"	"	"	
17683	"	"	"	"	"	"	"	"	
17684	"	"	"	"	"	"	"	"	
17685	"	"	Sep. 30	"	"	"	"	"	
17686	"	"	Sep. 1	"	"	"	"	"	
17687	"	"	"	"	"	"	"	"	
17688	"	"	"	"	"	"	"	"	
17689	"	"	"	"	"	"	"	"	
17690	"	"	Aug. 6	"	"	"	"	"	
17691	"	"	Aug. 25	"	"	"	"	"	
17692	"	"	"	"	"	"	"	"	
17693	"	"	"	"	"	"	"	"	
17694	"	"	"	"	"	"	"	"	
17695	"	"	Sep. 7	"	"	"	"	"	
17696	"	"	"	"	"	"	"	"	
17697	"	"	Oct. 11	"	"	"	"	"	
17698 <i>Cerunetes occidentalis</i> .		"	Aug. 23	"	"	"	"	"	
17699	"	"	"	"	"	"	"	"	

Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	Weight	Remarks
17700		<i>Eremias occidentalis</i>	♂	San Jose del Cabo, Lower Cal.	Aug. 23, 1887	M. Abbott Jazgar	M. Abbott Jazgar	M. Abbott Jazgar	1557	Purchase
17701		"	♂	"	"	"	"	"	"	"
17702		"	♂	"	"	"	"	"	"	"
17703		"	♂	"	"	"	"	"	"	"
17704		"	♂	"	"	"	"	"	"	"
17705		"	♂	"	"	"	"	"	"	"
17706		"	♂	"	"	"	"	"	"	"
17707		"	♂	"	"	"	"	"	"	"
17708		"	♂	"	"	"	"	"	"	"
17709		"	♂	"	"	"	"	"	"	"
17710		"	♂	"	"	"	"	"	"	"
17711		"	♂	"	"	"	"	"	"	"
17712		"	♂	"	"	"	"	"	"	"
17713		"	♂	"	"	"	"	"	"	"
17714		"	♂	"	"	"	"	"	"	"
17715		"	♂	"	"	"	"	"	"	"
17716		"	♂	"	"	"	"	"	"	"
17717		"	♂	"	"	"	"	"	"	"
17718		<i>Phalaropus lobatus</i> Linn.	♂	"	"	"	"	"	"	"
17719		"	♂	"	"	"	"	"	"	"
17720		"	♂	"	"	"	"	"	"	"
17721		"	♂	"	"	"	"	"	"	"
17722		"	♂	"	"	"	"	"	"	"
17723		"	♂	"	"	"	"	"	"	"
17724		"	♂	"	"	"	"	"	"	"
17725		"	♂	"	"	"	"	"	"	"
17726		"	♂	"	"	"	"	"	"	"
17727		"	♂	"	"	"	"	"	"	"
17728		"	♂	"	"	"	"	"	"	"
17729		"	♂	"	"	"	"	"	"	"
17730		"	♂	"	"	"	"	"	"	"
17731		"	♂	"	"	"	"	"	"	"
17732		<i>Tricolor</i> Vieill.	♂	"	"	"	"	"	"	"
17733		"	♂	"	"	"	"	"	"	"
17734		<i>Solanus solitarius</i> <sup>"Cinnamomus" Prun.</sup> <del>Nels.</del>	♂	"	"	"	"	"	"	"
17735	Type	"	♂	"	"	"	"	"	"	"
17736		"	♂	"	"	"	"	"	"	"
17737		"	♂	"	"	"	"	"	"	"
17738		"	♂	"	"	"	"	"	"	"
17739		"	♂	"	"	"	"	"	"	"
17740		" <sup>"Cinnamomus" Prun.</sup>	♂	"	"	"	"	"	"	"
17741		"	♂	"	"	"	"	"	"	"
17742		<i>Tringa bairdii</i> <sup>"Cinnamomus" Prun.</sup> <del>Nels.</del>	♂	"	"	"	"	"	"	"
17743		"	♂	"	"	"	"	"	"	"
17744		"	♂	"	"	"	"	"	"	"
17745		"	♂	"	"	"	"	"	"	"
17746		<i>maculata</i> , Vieill.	♂	"	"	"	"	"	"	"
17747		"	♂	"	"	"	"	"	"	"
17748		"	♂	"	"	"	"	"	"	"
17749		"	♂	"	"	"	"	"	"	"

Given to C. F. Maynard

Given to ac. sci. Maynard

CONTINUED TO ac. sci. Maynard  
 GIVEN TO Maynard  
 The specimen taken by J. M. Doolan  
 in the same place as above

Specimen in the collection



Catalogued by *S. M. J. J. J.*

Catalogue Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17750	<i>Syringa maculata</i> , Vieill.	♀	San Jose del Cabo, Lower Cal.	Sept. 2, 1887.	M. Abbott Thayer	M. Abbott Thayer	M. Abbott Thayer	1887	Purchase.	
17751	"	"	"	Oct. 3	"	"	"	"	"	
17752	"	"	"	"	"	"	"	"	"	
17753	"	"	"	"	"	"	"	"	"	
17754	"	"	"	"	"	"	"	"	"	
17755	"	"	"	"	"	"	"	"	"	
17756	"	"	"	"	"	"	"	"	"	
17757	"	"	"	"	"	"	"	"	"	
17758	"	"	"	"	"	"	"	"	"	
17759	"	"	"	"	"	"	"	"	"	
17760	"	"	"	"	"	"	"	"	"	
17761	"	"	"	"	"	"	"	"	"	
17762	"	"	"	"	"	"	"	"	"	
17763	"	"	"	"	"	"	"	"	"	
17764	"	"	"	"	"	"	"	"	"	
17765	"	"	"	"	"	"	"	"	"	
17766	"	"	"	"	"	"	"	"	"	
17767	"	"	"	"	"	"	"	"	"	
17768	"	"	"	"	"	"	"	"	"	
17769	<i>Calidris arenaria</i> , Linn.	♀	San Jose del Cabo	Oct. 18	"	"	"	"	"	
17770	"	"	"	"	"	"	"	"	"	
17771	"	"	"	"	"	"	"	"	"	
17772	"	"	"	"	"	"	"	"	"	
17773	"	"	"	"	"	"	"	"	"	
17774	<i>Actitis macularia</i>	"	"	"	"	"	"	"	"	
17775	"	"	"	"	"	"	"	"	"	
17776	"	"	"	"	"	"	"	"	"	
17777	"	"	"	"	"	"	"	"	"	
17778	"	"	"	"	"	"	"	"	"	
17779	"	"	"	"	"	"	"	"	"	
17780	"	"	"	"	"	"	"	"	"	
17781	"	"	"	"	"	"	"	"	"	
17782	"	"	"	"	"	"	"	"	"	
17783	"	"	"	"	"	"	"	"	"	
17784	"	"	"	"	"	"	"	"	"	
17785	"	"	"	"	"	"	"	"	"	
17786	"	"	"	"	"	"	"	"	"	
17787	"	"	"	"	"	"	"	"	"	
17788	"	"	"	"	"	"	"	"	"	
17789	<i>Heteractitis incanum</i> , Gmel.	♀	San Jose del Cabo	Oct. 1	"	"	"	"	"	
17790	"	"	"	"	"	"	"	"	"	
17791	"	"	"	"	"	"	"	"	"	
17792	"	"	"	"	"	"	"	"	"	
17793	"	"	"	"	"	"	"	"	"	
17794	"	"	"	"	"	"	"	"	"	
17795	"	"	"	"	"	"	"	"	"	
17796	"	"	"	"	"	"	"	"	"	
17797	<i>Sturnus flavipes</i> , Gmel.	♀	"	"	"	"	"	"	"	
17798	"	"	"	"	"	"	"	"	"	
17799	"	"	"	"	"	"	"	"	"	

COPY IN MUSEUM TO

ac. Sci. Peninsular

COPY IN MUSEUM TO

ac. Sci. Peninsular

COPY IN MUSEUM TO

Limited with certain birds

Catalogued by *J. M. Denton.*Catalogue-Original  
number number

Name

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

Remarks.

17800	<i>Totanus flavipes</i> , Gmel.	♂	San Jose del Cabo, Lower Cal.	Sep. 12, 1887	M. Abbott Tragar	M. Abbott Tragar	M. Abbott Tragar	1887	Purchase.	
17801	"	♂	"	Aug. 29	"	"	"	"	"	FOUR IN MARCH 1893
17802	"	♂	"	Sept. 1	"	"	"	"	"	ac. size
17803	"	♂	"	" 13	"	"	"	"	"	
17804	"	♂	"	" 20	"	"	"	"	"	
17805	"	♂	"	" 24	"	"	"	"	"	
17806	"	♂	"	Oct. 7	"	"	"	"	"	
17807	"	♂	"	Sept. 19	"	"	"	"	"	
17808	<i>melanoleucus</i> .	♂	"	29	"	"	"	"	"	
17809	"	♂	"	Oct. 20	"	"	"	"	"	
17810	"	♂	"	" 27	"	"	"	"	"	
17811	"	♂	"	Sept. 29	"	"	"	"	"	
17812	"	♂	"	Oct. 6	"	"	"	"	"	
17813	"	♂	"	" 13	"	"	"	"	"	
17814	"	♂	"	" 20	"	"	"	"	"	
17815	"	♂	"	" 24	"	"	"	"	"	
17816	"	♂	"	Nov. 3	"	"	"	"	"	
17817	"	♂	"	" 9	"	"	"	"	"	
17818	"	♂	"	" 18	"	"	"	"	"	
17819	"	♂	"	" 21	"	"	"	"	"	
17820	"	♂	"	Nov. 17	"	"	"	"	"	
17821	"	♂	"	" 24	"	"	"	"	"	
17822	<i>Buteo borealis</i>	♂	"	" 16	"	"	"	"	"	
17823	"	♂	"	" 18	"	"	"	"	"	
17824	"	♂	"	" 19	"	"	"	"	"	
17825	"	♂	"	" 21	"	"	"	"	"	
17826	"	♂	"	" 22	"	"	"	"	"	
17827	"	♂	"	" 23	"	"	"	"	"	
17828	"	♂	"	" 24	"	"	"	"	"	
17829	"	♂	"	" 25	"	"	"	"	"	
17830	"	♂	"	" 26	"	"	"	"	"	
17831	"	♂	"	" 27	"	"	"	"	"	
17832	"	♂	"	" 28	"	"	"	"	"	
17833	"	♂	"	" 29	"	"	"	"	"	
17834	"	♂	"	" 30	"	"	"	"	"	
17835	"	♂	"	" 31	"	"	"	"	"	
17836	"	♂	"	" 1	"	"	"	"	"	
17837	"	♂	"	" 2	"	"	"	"	"	
17838	"	♂	"	" 3	"	"	"	"	"	
17839	"	♂	"	" 4	"	"	"	"	"	
17840	"	♂	"	" 5	"	"	"	"	"	
17841	"	♂	"	" 6	"	"	"	"	"	
17842	"	♂	"	" 7	"	"	"	"	"	
17843	"	♂	"	" 8	"	"	"	"	"	
17844	"	♂	"	" 9	"	"	"	"	"	
17845	<i>Parabuteo u. harrisi</i> .	♂	San Jose del Cabo	Nov. 1	"	"	"	"	"	
17846	"	♂	"	" 2	"	"	"	"	"	
17847	"	♂	"	" 3	"	"	"	"	"	
17848	"	♂	"	" 4	"	"	"	"	"	
17849	"	♂	"	" 5	"	"	"	"	"	

Catalogued by *L. A. Denton.*

Catalogue-Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17850	<i>Parabuteo u. harrisi.</i>	♂	Santiago. Lower Cal.	Nov. 23. 1887	M. Abbott Izagar	M. Abbott Izagar	M. Abbott Izagar	1887	Purchase	
17851	" " "	♂	" " "	" 19 " "	" " "	" " "	" " "	"	"	
17852	" " "	♂	La Paz. " "	Mar. 24 " "	" " "	" " "	" " "	"	"	
17853	<i>Archibuteo ferrugineus</i>	♂	Sierra de la Laguna. " "	Nov. 28 " "	" " "	" " "	" " "	"	"	
17854	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
17855	<i>Pandion h. carolinensis.</i>	♂	San Jose del Cabo " "	Oct. 18 " "	" " "	" " "	" " "	"	"	
17856	" " "	♂	" " "	Nov. 4 " "	" " "	" " "	" " "	"	"	
17857	" " "	♂	" " "	Sept. 5 " "	" " "	" " "	" " "	"	"	
17858	" " "	♂	La Paz " "	Feb. 7 " "	" " "	" " "	" " "	"	"	
17859	<i>Polyborus cheriway. Jacq.</i>	♂	" " "	" 14 " "	" " "	" " "	" " "	"	"	
17860	" " "	♂	" " "	" 4 " "	" " "	" " "	" " "	"	"	
17861	" " "	♂	" " "	" 13 " "	" " "	" " "	" " "	"	"	
17862	" " "	♂	San Jose del Cabo " "	Oct. 28 " "	" " "	" " "	" " "	"	"	
17863	" " "	♂	" " " Rancho " "	July 26 " "	" " "	" " "	" " "	"	"	
17864	" " "	♂	" " " " " "	" " " " "	" " "	" " "	" " "	"	"	
17865	<i>Bubo virg. sub-arcticus.</i>	♂	" " "	" 20 " "	" " "	" " "	" " "	"	"	
17866	" " "	♂	Sierra de la Laguna " "	May 31 " "	" " "	" " "	" " "	"	"	
17867	" " "	♂	" " "	Apr. 29 " "	" " "	" " "	" " "	"	"	
17868	" " "	♂	" " "	" 18 " "	" " "	" " "	" " "	"	"	
17869	<i>Falco peregrinus anatum.</i>	♂	La Paz. Lower Cal.	Mar. 28 " "	" " "	" " "	" " "	"	"	
17870	<i>Circus hudsonicus.</i>	♂	San Jose del Cabo. " "	Apr. 5 " "	" " "	" " "	" " "	"	"	
17871	" " "	♂	" " " Cabo. " "	Oct. 4 " "	" " "	" " "	" " "	"	"	
17872	<i>Falco richardsoni</i>	♂	" " "	" 31 " "	" " "	" " "	" " "	"	"	
17873	" " "	♂	Santiago. " "	Nov. 17 " "	" " "	" " "	" " "	"	"	
17874	<i>Accipiter cooperi.</i>	♂	Sierra de la Laguna " "	May. 7 " "	" " "	" " "	" " "	"	"	
17875	" " "	♂	Santiago. " "	Nov. 18 " "	" " "	" " "	" " "	"	"	
17876	" " " " Wils.	♂	" " "	Mar. 11 " "	" " "	" " "	" " "	"	"	
17877	" " "	♂	San Jose del Rancho " "	Dec. 23 " "	" " "	" " "	" " "	"	"	
17878	" " "	♂	La Paz. " "	Mar. 24 " "	" " "	" " "	" " "	"	"	
17879	<i>Speotyto c. hypogaea.</i>	♂	" " "	Apr. 1 " "	" " "	" " "	" " "	"	"	
17880	<i>Elanoidium g. hoshin.</i>	♂	Sierra de la Laguna. " "	June 1 " "	" " "	" " "	" " "	"	"	
17881	" " "	♂	" " "	" 6 " "	" " "	" " "	" " "	"	"	
17882	<i>Accipiter cooperi</i>	♂	San Jose del Rancho. " "	Dec. 23. " "	" " "	" " "	" " "	"	"	
17883	<i>Falco sparverius</i>	♂	Gannet Island Lower Cal.	Mar. 2 " "	" " "	" " "	" " "	"	"	
17884	" " "	♂	San Jose del Cabo " "	Nov. 5 " "	" " "	" " "	" " "	"	"	
17885	" " "	♂	" " " " " "	Sept. 17. " "	" " "	" " "	" " "	"	"	
17886	" " "	♂	" " " " " "	Oct. 19. " "	" " "	" " "	" " "	"	"	
17887	" " "	♂	" " " " " "	" 31. " "	" " "	" " "	" " "	"	"	
17888	" " "	♂	" " " Rancho " "	July 17. " "	" " "	" " "	" " "	"	"	
17889	" " "	♂	" " " " " "	" 8. " "	" " "	" " "	" " "	"	"	
17890	" " "	♂	Santiago " "	Nov. 21 " "	" " "	" " "	" " "	"	"	
17891	" " "	♂	" " "	" 23 " "	" " "	" " "	" " "	"	"	
17892	" " "	♂	Trumfo. " "	Apr. 20 " "	" " "	" " "	" " "	"	"	
17893	" " "	♂	" " "	Dec. 7 " "	" " "	" " "	" " "	"	"	
17894	" " "	♂	" " "	" " " "	" " "	" " "	" " "	"	"	
17895	" " "	♂	" " "	" 12 " "	" " "	" " "	" " "	"	"	
17896	" " "	♂	" " "	" 7 " "	" " "	" " "	" " "	"	"	
17897	" " "	♂	" " "	" 12 " "	" " "	" " "	" " "	"	"	
17898	" " "	♂	" " "	" " " "	" " "	" " "	" " "	"	"	
17899	<i>Geococcyx californianus.</i>	♂	" " "	" 1 " "	" " "	" " "	" " "	"	"	

Catalogue Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
17900	<i>Guococcyx californianus</i>	♂	San Jose del Cabo Lower Cal.	Aug. 24 1887	M. Abbott Hagar	M. Abbott Hagar	M. Abbott Hagar	1887	Purchase	
17901	" "	♂	" " " "	" 31	" " "	" " "	" " "	" "	" "	
17902	" "	♂	" " " "	" 17	" " "	" " "	" " "	" "	" "	
17903	" "	♂	" " " "	" 21	" " "	" " "	" " "	" "	" "	
17904	" "	♂	" " " "	" Aug. 25	" " "	" " "	" " "	" "	" "	
17905	" "	♂	" " " "	" Sep. 12	" " "	" " "	" " "	" "	" "	
17906	<i>Corvus corax sinuatus</i>	♂	" Carmen Island "	" Mar. 7	" " "	" " "	" " "	" "	" "	
17907	" " "	♂	" La Paz "	" Feb. 16	" " "	" " "	" " "	" "	" "	
17908	" " "	♂	" " " "	" " "	" " "	" " "	" " "	" "	" "	
17909	" " "	♂	" " " "	" " "	" " "	" " "	" " "	" "	" "	
17910	" " "	♂	" Guaymas Mexico "	" Jan. 15	" " "	" " "	" " "	" "	" "	
17911		♂								
17912		♂								
17913		♂								
17914	<i>Columba f. roseae, Brewst.</i>	♂	Sierra de las Lagunas, Lower Cal.	May 18	" " "	" " "	" " "	" "	" "	
17915	" " " "	♂	" " " "	" 20	" " "	" " "	" " "	" "	" "	
17916	" " " "	♂	" " " "	" 23	" " "	" " "	" " "	" "	" "	
17917	" " " "	♂	" " " "	" 24	" " "	" " "	" " "	" "	" "	
17918	" " " "	♂	" " " "	" 25	" " "	" " "	" " "	" "	" "	
17919	" " " "	♂	" " " "	" 26	" " "	" " "	" " "	" "	" "	
17920	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17921	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17922	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17923	" " " "	♂	" " " "	" 30	" " "	" " "	" " "	" "	" "	Gone in exch. to Carneg.
17924	" " " "	♂	" " " "	" 31	" " "	" " "	" " "	" "	" "	
17925	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	Gone in exch. to Carnegie
17926	" " " "	♂	" " " "	June 1	" " "	" " "	" " "	" "	" "	
17927	" " " "	♂	" " " "	" 2	" " "	" " "	" " "	" "	" "	
17928	" " " "	♂	" " " "	" 3	" " "	" " "	" " "	" "	" "	
17929	" " " "	♂	" " " "	" 6	" " "	" " "	" " "	" "	" "	
17930	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17931	" " " "	♂	" " " "	May 16	" " "	" " "	" " "	" "	" "	
17932	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	Gone in exch. to Carnegie
17933	" " " "	♂	" " " "	" 18	" " "	" " "	" " "	" "	" "	
17934	" " " "	♂	" " " "	" 26	" " "	" " "	" " "	" "	" "	
17935	" " " "	♂	" " " "	" 30	" " "	" " "	" " "	" "	" "	
17936	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17937	" " " "	♂	" " " "	" 31	" " "	" " "	" " "	" "	" "	Gone in exch. to Carnegie
17938	" " " "	♂	" " " "	June 1	" " "	" " "	" " "	" "	" "	
17939	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17940	" " " "	♂	" " " "	" 3	" " "	" " "	" " "	" "	" "	
17941	" " " "	♂	" " " "	" 2	" " "	" " "	" " "	" "	" "	
17942	" " " "	♂	San Jose del Rancho "	July 7	" " "	" " "	" " "	" "	" "	Gone to M. G. H. J. 1888
17943	" " " "	♂	" " " "	" 9	" " "	" " "	" " "	" "	" "	
17944	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17945	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	
17946	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	Sent to A. R. Denton in exch. 12, Aug. 3, 1888
17947	" " " "	♂	" " " "	" 11	" " "	" " "	" " "	" "	" "	
17948	" " " "	♂	" " " "	" 14	" " "	" " "	" " "	" "	" "	
17949	" " " "	♂	" " " "	" "	" " "	" " "	" " "	" "	" "	

Catalogued by *J. W. Denton*

Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
17950		<i>Columba f. roseae</i> , Brewst.	♂	San Jose del Rancho, Lower Cal.	July 19, 1887	M. Abbott Inajar	M. Abbott Inajar	M. Abbott Inajar	1887	Purchase	CONNECTED TO
17951		"	"	"	"	"	"	"	"	"	"
17952		"	"	"	22	"	"	"	"	"	"
17953		"	"	"	"	"	"	"	"	"	Sent to ... in exchange, Aug. 1, 1905
17954		"	"	"	28	"	"	"	"	"	"
17955		"	"	"	"	"	"	"	"	"	"
17956		"	"	"	29	"	"	"	"	"	"
17957		"	"	"	"	"	"	"	"	"	"
17958		"	"	"	8	"	"	"	"	"	CONNECTED TO
17959		"	"	"	11	"	"	"	"	"	"
17960		"	"	"	13	"	"	"	"	"	"
17961		"	"	"	"	"	"	"	"	"	"
17962		"	"	"	"	"	"	"	"	"	"
17963		"	"	"	"	"	"	"	"	"	"
17964		"	"	"	14	"	"	"	"	"	"
17965		"	"	"	"	"	"	"	"	"	"
17966		"	"	"	15	"	"	"	"	"	"
17967		"	"	"	21	"	"	"	"	"	"
17968		"	"	"	22	"	"	"	"	"	"
17969		"	"	"	"	"	"	"	"	"	"
17970		"	"	"	23	"	"	"	"	"	"
17971		"	"	"	26	"	"	"	"	"	Sent to ... in exchange, Aug. 1, 1905
17972		"	"	"	"	"	"	"	"	"	"
17973		"	"	"	"	"	"	"	"	"	"
17974		"	"	"	28	"	"	"	"	"	"
17975		"	"	"	29	"	"	"	"	"	"
17976		<i>Zenaidura macroura</i>	"	Lijera de la Laguna	May 11	"	"	"	"	"	"
17977		"	"	San Jose del Cabo	Oct. 20	"	"	"	"	"	"
17978		"	"	"	27	"	"	"	"	"	"
17979		"	"	Triunfo	Apr. 15	"	"	"	"	"	"
17980		"	"	"	Dec. 14	"	"	"	"	"	"
17981		"	"	"	Apr. 20	"	"	"	"	"	"
17982		"	"	"	Dec. 26	"	"	"	"	"	"
17983		<i>Melospiza leucopitara</i>	"	"	Apr. 13	"	"	"	"	"	"
17984		"	"	"	18	"	"	"	"	"	"
17985		"	"	"	23	"	"	"	"	"	"
17986		"	"	"	June 20	"	"	"	"	"	"
17987		"	"	"	27	"	"	"	"	"	"
17988		"	"	"	Dec. 9	"	"	"	"	"	"
17989		"	"	"	12	"	"	"	"	"	"
17990		"	"	"	Apr. 11	"	"	"	"	"	"
17991		"	"	"	19	"	"	"	"	"	"
17992		"	"	"	18	"	"	"	"	"	"
17993		"	"	La Paz	Feb. 18	"	"	"	"	"	CONNECTED TO H. M. COALE
17994		"	"	"	"	"	"	"	"	"	"
17995		"	"	"	"	"	"	"	"	"	"
17996		"	"	"	Mar. 19	"	"	"	"	"	"
17997		"	"	"	22	"	"	"	"	"	"
17998		"	"	"	"	"	"	"	"	"	"
17999		"	"	"	Apr. 5	"	"	"	"	"	"

Catalogued by *J. W. Dendron*.

Catalogue Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
18000	<i>Melospiza leucophaea</i>	♀	La Paz.	Lower End	Feb. 18, 1887	M. Abbott Hargis	M. Abbott Hargis	M. Abbott Hargis	1887	Purchase
18001	"	"	"	"	"	"	"	"	"	"
18002	"	"	"	"	24	"	"	"	"	"
18003	"	"	"	"	Mar. "	"	"	"	"	"
18004	"	"	"	"	"	"	"	"	"	"
18005	"	"	"	"	"	"	"	"	"	"
18006	"	"	"	"	30	"	"	"	"	"
18007	"	"	San Jose del Vato	"	Sep. 6	"	"	"	"	"
18008	"	"	"	"	Oct. 5	"	"	"	"	"
18009	"	"	"	"	26	"	"	"	"	"
18010	"	"	Sierra de la Laguna	"	Apr. 26	"	"	"	"	"
18011	"	"	"	"	June 1	"	"	"	"	"
18012	<i>Chamaepelia p. pallidus</i>	"	La Paz	"	Feb. 14	"	"	"	"	"
18013	"	"	"	"	"	"	"	"	"	"
18014	"	"	"	"	"	"	"	"	"	"
18015	"	"	"	"	16	"	"	"	"	"
18016	"	"	"	"	24	"	"	"	"	"
18017	"	"	"	"	Mar. 19	"	"	"	"	"
18018	"	"	"	"	21	"	"	"	"	"
18019	"	"	"	"	Apr. 6	"	"	"	"	"
18020	"	"	"	"	Feb. 14	"	"	"	"	"
18021	"	"	"	"	16	"	"	"	"	"
18022	"	"	"	"	23	"	"	"	"	"
18023	"	"	"	"	Mar. 19	"	"	"	"	"
18024	"	"	"	"	21	"	"	"	"	"
18025	"	"	"	"	23	"	"	"	"	"
18026	"	"	"	"	Apr. 4	"	"	"	"	"
18027	"	"	Triunfo	"	13	"	"	"	"	"
18028	"	"	"	"	Aug. 15	"	"	"	"	"
18029	"	"	San Jose del Vato	"	23	"	"	"	"	"
18030	"	"	"	"	"	"	"	"	"	"
18031	"	"	"	"	"	"	"	"	"	"
18032	"	"	"	"	"	"	"	"	"	"
18033	"	"	"	"	"	"	"	"	"	"
18034	"	"	"	"	26	"	"	"	"	"
18035	"	"	"	"	"	"	"	"	"	"
18036	"	"	"	"	30	"	"	"	"	"
18037	"	"	"	"	Sep. 7	"	"	"	"	"
18038	"	"	"	"	8	"	"	"	"	"
18039	"	"	"	"	"	"	"	"	"	"
18040	"	"	"	"	9	"	"	"	"	"
18041	"	"	"	"	"	"	"	"	"	"
18042	"	"	"	"	"	"	"	"	"	"
18043	"	"	"	"	"	"	"	"	"	"
18044	"	"	"	"	12	"	"	"	"	"
18045	"	"	"	"	20	"	"	"	"	"
18046	"	"	"	"	Nov. 10	"	"	"	"	"
18047	"	"	"	"	Aug. 29	"	"	"	"	"
18048	"	"	"	"	30	"	"	"	"	"
18049	"	"	"	"	23	"	"	"	"	"

GONN IN EXCH. TO

Catalogued by W. A. Denton.

Catalogue Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
18050	<i>Chamaepelia p. paterescens</i>	♂	San Jose del Cabo Lower Cal.	Aug. 24. 1887	M. Abbott	Tragar	M. Abbott	Tragar	1887	Purchase
18051	"	"	"	" 27	"	"	"	"	"	"
18052	"	"	"	" 29	"	"	"	"	"	"
18053	"	"	"	" 30	"	"	"	"	"	"
18054	"	"	"	Sep. 6	"	"	"	"	"	"
18055	"	"	"	" 7	"	"	"	"	"	"
18056	"	"	"	" 8	"	"	"	"	"	"
18057	"	"	"	" 8	"	"	"	"	"	"
18058	"	"	"	" 8	"	"	"	"	"	"
18059	"	"	"	" 9	"	"	"	"	"	"
18060	"	"	"	" 9	"	"	"	"	"	"
18061	"	"	"	" 9	"	"	"	"	"	"
18062	"	"	"	" 9	"	"	"	"	"	"
18063	"	"	"	" 9	"	"	"	"	"	"
18064	<i>Callipepla c. vallicola</i>	♂	"	Nov. 10	"	"	"	"	"	"
18065	"	"	"	Sep. 20	"	"	"	"	"	"
18066	"	"	"	" 21	"	"	"	"	"	"
18067	"	"	"	Oct. 20	"	"	"	"	"	"
18068	"	"	"	Nov. 5	"	"	"	"	"	"
18069	"	"	"	Oct. 26	"	"	"	"	"	"
18070	"	"	Rancho	July 13	"	"	"	"	"	"
18071	"	"	"	" 15	"	"	"	"	"	"
18072	"	"	"	" 22	"	"	"	"	"	"
18073	"	"	"	" 23	"	"	"	"	"	"
18074	"	"	"	" 23	"	"	"	"	"	"
18075	"	"	"	" 25	"	"	"	"	"	"
18076	"	"	"	" 27	"	"	"	"	"	"
18077	"	"	"	" 28	"	"	"	"	"	"
18078	"	"	"	" 12	"	"	"	"	"	"
18079	"	"	"	" 13	"	"	"	"	"	"
18080	"	"	"	" 22	"	"	"	"	"	"
18081	"	"	"	" 23	"	"	"	"	"	"
18082	"	"	"	" 23	"	"	"	"	"	"
18083	"	"	"	" 28	"	"	"	"	"	"
18084	"	"	Triunfo	Dec. 26	"	"	"	"	"	"
18085	"	"	"	" 9	"	"	"	"	"	"
18086	"	"	La Paz	Feb. 4	"	"	"	"	"	"
18087	"	"	"	" 4	"	"	"	"	"	"
18088	"	"	"	" 7	"	"	"	"	"	"
18089	"	"	"	" 7	"	"	"	"	"	"
18090	"	"	"	" 9	"	"	"	"	"	"
18091	"	"	"	" 9	"	"	"	"	"	"
18092	"	"	"	" 14	"	"	"	"	"	"
18093	"	"	"	" 14	"	"	"	"	"	"
18094	"	"	"	" 18	"	"	"	"	"	"
18095	"	"	"	" 18	"	"	"	"	"	"
18096	"	"	"	" 21	"	"	"	"	"	"
18097	"	"	"	Mar. 21	"	"	"	"	"	"
18098	"	"	"	Feb. 4	"	"	"	"	"	"
18099	"	"	"	" 4	"	"	"	"	"	"

GOES IN EXCH. TO

Sent to ...

GOES IN EXCH. TO

GOES IN EXCH. TO

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Catalogued by J.M. Denton.

Catalogue Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
18100	<i>Callipepla c. vallicola</i>	♂	La Paz, Sonora	Feb. 4, 1887	M. W. H. Hager	M. W. H. Hager	M. W. H. Hager	1887	Purchase	
18101	" " "	♂	" " "	" 7	" " "	" " "	" " "	"	"	
18102	" " "	♂	" " "	" 11	" " "	" " "	" " "	"	"	
18103	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18104	" " "	♂	" " "	" 18	" " "	" " "	" " "	"	"	
18105	<i>Ardeia exilis</i> , Gmel.	♂	San Jose del Cabo	Aug. 29	" " "	" " "	" " "	"	"	
18106	" " "	♂	" " "	Sep. 3	" " "	" " "	" " "	"	"	
18107	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	Exch. to Leningrad
18108	" " "	♂	" " "	" 5	" " "	" " "	" " "	"	"	
18109	" " "	♂	" " "	" 10	" " "	" " "	" " "	"	"	
18110	" " "	♂	" " "	" 22	" " "	" " "	" " "	"	"	
18111	" " "	♂	" " "	" 23	" " "	" " "	" " "	"	"	
18112	" " "	♂	" " "	" 29	" " "	" " "	" " "	"	"	
18113	" " "	♂	" " "	Aug. 30	" " "	" " "	" " "	"	"	Exch. to Leningrad
18114	" " "	♂	" " "	Sep. 21	" " "	" " "	" " "	"	"	
18115	" " "	♂	" " "	" 22	" " "	" " "	" " "	"	"	
18116	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18117	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18118	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	Rejected
18119	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18120	<i>Ardea virescens</i> , Linn.	♂	" " "	Aug. 24	" " "	" " "	" " "	"	"	
18121	" " "	♂	" " "	Sep. 2	" " "	" " "	" " "	"	"	
18122	" " "	♂	" " "	" 3	" " "	" " "	" " "	"	"	
18123	" " "	♂	" " "	" 19	" " "	" " "	" " "	"	"	
18124	" " "	♂	" " "	Nov. 11	" " "	" " "	" " "	"	"	
18125	" " "	♂	" " "	Oct. 11	" " "	" " "	" " "	"	"	
18126	" " "	♂	" " "	Sep. 5	" " "	" " "	" " "	"	"	
18127	" " "	♂	" " "	" 15	" " "	" " "	" " "	"	"	
18128	" " "	♂	" " "	" 19	" " "	" " "	" " "	"	"	
18129	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18130	" " "	♂	" " "	Oct. 11	" " "	" " "	" " "	"	"	
18131	" " "	♂	" " "	" 12	" " "	" " "	" " "	"	"	
18132	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18133	" " "	♂	" " "	" 19	" " "	" " "	" " "	"	"	
18134	<i>Bittacus lentiginosus</i>	♂	" " "	Sep. 3	" " "	" " "	" " "	"	"	
18135	" " "	♂	" " "	" 6	" " "	" " "	" " "	"	"	
18136	" " "	♂	" " "	Oct. 7	" " "	" " "	" " "	"	"	
18137	<i>Nycticorax n. naevius</i>	♂	" " "	" 19	" " "	" " "	" " "	"	"	
18138	" " "	♂	" " "	" 24	" " "	" " "	" " "	"	"	
18139	<i>Ardea candidissima</i>	♂	" " "	Sep. 13	" " "	" " "	" " "	"	"	
18140	" " "	♂	" " "	" " "	" " "	" " "	" " "	"	"	
18141	<i>Nycticorax violaceus</i>	♂	" " "	" 6	" " "	" " "	" " "	"	"	
18142	<i>Plegadis quararuna</i>	♂	" " "	" 2	" " "	" " "	" " "	"	"	
18143	" " "	♂	" " "	" 6	" " "	" " "	" " "	"	"	
18144	" " "	♂	" " "	" 19	" " "	" " "	" " "	"	"	
18145	" " "	♂	" " "	" 21	" " "	" " "	" " "	"	"	
18146	<i>Ardea rufa</i> , Bodd.	♂	La Paz	Jan. 11, 1888	" " "	" " "	" " "	1888	"	
18147	<i>Ardea rufa</i> , Bodd.	♂	San Jose del Cabo	Sep. 14, 1887	" " "	" " "	" " "	1887	"	
18148	<i>Thalysidrus virginianus</i>	♂	" " "	Oct. 24	" " "	" " "	" " "	"	"	
18149	" " "	♂	" " "	Nov. 4	" " "	" " "	" " "	"	"	

Catalogue Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	Remarks
18150	<i>Pezomachus carolinus</i>	♂	San Jose del Cabo Lower Cal.	Sep. 20, 1887	M. A. Mott	M. A. Mott	M. A. Mott	1887	Purchase.
18151	"	♂	"	"	"	"	"	"	"
18152	"	♂	"	"	"	"	"	"	"
18153	"	♂	"	"	"	"	"	"	"
18154	"	♂	"	"	"	"	"	"	"
18155	"	♂	"	Oct 3	"	"	"	"	"
18156	"	♂	"	"	"	"	"	"	"
18157	"	♂	"	"	"	"	"	"	"
18158	"	♂	"	5	"	"	"	"	"
18159	"	♂	"	7	"	"	"	"	"
18160	"	♂	"	Sep 14	"	"	"	"	"
18161	"	♂	"	20	"	"	"	"	"
18162	"	♂	"	23	"	"	"	"	"
18163	"	♂	"	"	"	"	"	"	"
18164	"	♂	"	29	"	"	"	"	"
18165	"	♂	"	Oct 5	"	"	"	"	"
18166	<i>Bellus beldingi</i> , Ridg.	♂	La Paz	Nov. 4	"	"	"	"	"
18167	"	♂	"	Feb. 14	"	"	"	"	"
18168	<i>Haematopus fiazari</i> , Brewst.	♂	Carmen Island	Jan. 11, 1888	"	"	"	1888	"
18169	"	♂	"	Mar. 7, 1887	"	"	"	1887	"
18170	<i>Pezomachus americana</i>	♂	San Jose del Cabo	"	"	"	"	"	Adult winter pl. new specimen
18171	<i>Himantopus mexicanus</i>	♂	"	Sep. 14	"	"	"	"	Ad. winter pl. new
18172	"	♂	"	Oct. 18	"	"	"	"	"
18173	"	♂	"	19	"	"	"	"	"
18174	"	♂	"	18	"	"	"	"	"
18175	<i>Numenius longirostris</i>	♂	"	Sep. 19	"	"	"	"	"
18176	"	♂	"	Aug. 26	"	"	"	"	"
18177	"	♂	La Paz	Feb. 7	"	"	"	"	"
18178	<i>Hudsonicus, Lath.</i>	♂	San Jose del Cabo	Sep. 10	"	"	"	"	"
18179	"	♂	"	Aug. 29	"	"	"	"	"
18180	"	♂	"	Sep. 1	"	"	"	"	"
18181	"	♂	"	"	"	"	"	"	"
18182	<i>Symphemia s. inornata</i>	♂	"	"	"	"	"	"	"
18183	"	♂	"	Oct 6	"	"	"	"	"
18184	"	♂	"	7	"	"	"	"	"
18185	"	♂	"	18	"	"	"	"	"
18186	<i>Sterna forsteri</i> , Nutt.	♂	"	Sep 20	"	"	"	"	"
18187	"	♂	"	29	"	"	"	"	"
18188	"	♂	"	30	"	"	"	"	"
18189	"	♂	"	"	"	"	"	"	"
18190	<i>hirundo, Linn</i>	♂	"	31	"	"	"	"	"
18191	"	♂	"	5	"	"	"	"	"
18192	"	♂	"	20	"	"	"	"	"
18193	"	♂	"	"	"	"	"	"	"
18194	<i>antillarum</i>	♂	"	30	"	"	"	"	"
18195	"	♂	"	7	"	"	"	"	"
18196	"	♂	"	"	"	"	"	"	"
18197	"	♂	"	"	"	"	"	"	"
18198	"	♂	"	12	"	"	"	"	"
18199	"	♂	"	6	"	"	"	"	"
	"	♂	"	10	"	"	"	"	"

Specimen  
 collected by Dr. S. M. Denton  
 and sent to St. Francis College, N.Y.  
 for study of the same.

Catalogue Original  
number.

Name

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by.

Skinned by

Received from

When received

By

Remarks.

Catalogued by *A. W. Denton*.

Catalogue Original number.	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by.	Skinned by	Received from	When received	By	Remarks.
18200	<i>Hydrochelidon n. surinamensis</i>	♀	San Jose del Cabo, Lower Cal.	Sep. 6, 1887	Mallett	Mallett	M. Mallett	1887	Purchase.	
18201	"	"	"	" 17	"	"	"	"	"	
18202	<i>Fulica americana</i>	"	"	" 29	"	"	"	"	"	
18203	"	"	"	" 10	"	"	"	"	"	
18204	"	"	"	" 14	"	"	"	"	"	
18205	<i>Gallinula galeata</i> , Licht.	"	"	" 17	"	"	"	"	"	
18206	"	"	"	" 29	"	"	"	"	"	
18207	"	"	"	Oct. 8	"	"	"	"	"	
18208	"	"	"	" 5	"	"	"	"	"	
18209	"	"	"	Sep. 13	"	"	"	"	"	
18210	"	"	"	" 14	"	"	"	"	"	
18211	"	"	"	"	"	"	"	"	"	
18212	"	"	"	" 17	"	"	"	"	"	
18213	"	"	"	"	"	"	"	"	"	
18214	"	"	"	" 17	"	"	"	"	"	
18215	"	"	"	"	"	"	"	"	"	
18216	"	"	"	"	"	"	"	"	"	
18217	<i>Aythya affinis</i>	"	"	Nov. 9	"	"	"	"	"	
18218	"	"	"	"	"	"	"	"	"	
18219	"	"	"	"	"	"	"	"	"	
18220	<i>Anas carolinensis</i>	"	"	Sep. 17	"	"	"	"	"	
18221	<i>cyanoptera</i>	"	"	" 27	"	"	"	"	"	
18222	"	"	"	"	"	"	"	"	"	
18223	"	"	"	Aug. 29	"	"	"	"	"	
18224	"	"	"	Sep. 21	"	"	"	"	"	
18225	"	"	"	" 23	"	"	"	"	"	
18226	"	"	"	" 27	"	"	"	"	"	
18227	"	"	"	Oct. 18	"	"	"	"	"	
18228	<i>Erismatura rubida</i>	"	"	" 21	"	"	"	"	"	
18229	"	"	"	Nov. 16	"	"	"	"	"	
18230	<i>Erismatura rubida</i> , Wils.	♀ juv	San Jose del Cabo	"	"	"	"	"	"	
18231	"	♀ juv	"	"	"	"	"	"	"	
18232	<i>Oafila acuta</i>	"	"	Aug. 29	"	"	"	"	"	
18233	"	"	"	Sep. 27	"	"	"	"	"	
18234	"	"	"	Oct. 4	"	"	"	"	"	
18235	"	"	"	" 5	"	"	"	"	"	
18236	"	"	"	" 8	"	"	"	"	"	
18237	"	"	"	"	"	"	"	"	"	
18238	"	"	"	" 4	"	"	"	"	"	
18239	"	"	"	Sep. 14	"	"	"	"	"	
18240	"	"	"	" 27	"	"	"	"	"	
18241	<i>Spatula clypeata</i>	"	"	Oct. 18	"	"	"	"	"	
18242	"	"	"	" 24	"	"	"	"	"	
18243	<i>Anas americana</i>	"	"	" 25	"	"	"	"	"	
18244	"	"	"	"	"	"	"	"	"	
18245	"	"	"	Nov. 9	"	"	"	"	"	
18246	"	"	"	"	"	"	"	"	"	
18247	<i>Podilymbus podiceps</i> , Linn.	"	"	Sep. 27	"	"	"	"	"	
18248	"	"	"	"	"	"	"	"	"	
18249	"	"	"	Oct. 6	"	"	"	"	"	

GONE IN EXCH. TO

N. Kuroda

(In exchange to Sch. Miller)

Labeled female but probably male.

E. Schioler

GONE IN EXCH. TO

Catalogue Original number.	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
18250	<i>Podilymbus podiceps</i>	♀	San Jose del Cabo, Lower California	Oct. 10, 1887	M. Abbott	M. Abbott	M. Abbott	1887	Purchase.	
18251	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18252	" <i>n. californicus</i>	♀	La Paz	Mar. 28	" "	" "	" "	" "	" "	
18253	" "	♀	Carmen Island	" 7	" "	" "	" "	" "	" "	
18254	<i>Podilymbus dominicus</i> , Linn.	♀	" Santiago	" Nov. 16	" "	" "	" "	" "	" "	
18255	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18256	" "	♀	" "	" 12	" "	" "	" "	" "	" "	
18257	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18258	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18259	" "	♀	" "	" 18	" "	" "	" "	" "	" "	
18260	" "	♀	" "	" 19	" "	" "	" "	" "	" "	
18261	" "	♀	" "	" 21	" "	" "	" "	" "	" "	
18262	" "	♀	" "	" 22	" "	" "	" "	" "	" "	
18263	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18264	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18265	" "	♀	" "	" 15	" "	" "	" "	" "	" "	
18266	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18267	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18268	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18269	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18270	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18271	" "	♀	" "	" 16	" "	" "	" "	" "	" "	
18272	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18273	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18274	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18275	" "	♀	" "	" 17	" "	" "	" "	" "	" "	
18276	" "	♀	" "	" 22	" "	" "	" "	" "	" "	
18277	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18278	" "	♀	" "	" 24	" "	" "	" "	" "	" "	
18279	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18280	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18281	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18282	" "	♀	" "	" 25	" "	" "	" "	" "	" "	Exch. to Leningrad
18283	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18284	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18285	<i>Brachyramphus craveri</i> .	♀	San Jose Island	Mar. 1	" "	" "	" "	" "	" "	
18286	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18287	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18288	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18289	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18290	" "	♀	" "	" 2	" "	" "	" "	" "	" "	
18291	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18292	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18293	" "	♀	" "	" 1	" "	" "	" "	" "	" "	
18294	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18295	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18296	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18297	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18298	" "	♀	" "	" "	" "	" "	" "	" "	" "	
18299	" "	♀	" "	" 2	" "	" "	" "	" "	" "	Exch. to Nat. Hist. Museum, St. Petersburg



Catalogued by *D. M. Denton*Catalogue Original  
Number, number

Name

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

18350	<i>Pelecanus californicus</i>	♂	La Paz.	Lower Cal.	Jan. 28, 1887	M. Abbott Traylor	M. Abbott Traylor	M. Abbott Traylor	1887	Purchase.	
18351	"	♀	"	"	"	"	"	"	"	"	Exch. to Leningrad
18352	"	♀	"	"	"	"	"	"	"	"	
18353	<i>Turdus mustelinus</i>	♂	Oden.	Michigan	May 26, 1888	William Brewster	William Brewster	William Brewster	1888	"	
18354	"	♀	"	"	"	"	"	"	"	"	
18355	"	♀	"	"	"	"	"	"	"	"	
18356	"	♀	"	"	" 28 "	"	"	"	"	"	Brought by chipmunk
18357	"	♀	"	"	" 26 "	"	"	"	"	"	
18358	"	♀	"	"	"	"	"	"	"	"	
18359	"	♀	"	"	" 28 "	"	"	"	"	"	Laying
18360	" <i>u. swainsoni</i>	♀	Cadillac.	"	" 14 "	"	"	"	"	"	
18361	"	♀	"	"	"	"	"	"	"	"	
18362	" <i>a. pallasii</i>	♀	"	"	" 12 "	"	"	"	"	"	
18363	"	♀	"	"	"	"	"	"	"	"	About to lay.
18364	"	♀	"	"	" 14 "	"	"	"	"	"	Very near laying.
18365	"	♀	Oden.	"	" 30 "	"	"	"	"	"	All eggs laid and incubating
18366	<i>Merula migratoria</i>	♀	Cadillac.	"	" 21 "	"	"	"	"	"	
18367	"	♀	"	"	" 12 "	"	"	"	"	"	Eggs all laid
18368	"	♀	"	"	"	"	"	"	"	"	Not near laying.
18369	<i>Regulus calendula</i>	♀	Oden.	"	" 24 "	"	"	"	"	"	
18370	<i>Parus atricapillus</i>	♀	Cadillac.	"	" 12 "	"	"	"	"	"	
18371	"	♀	"	"	" 16 "	"	"	"	"	"	
18372	"	♀	"	"	"	"	"	"	"	"	
18373	<i>Sitta carolinensis</i>	♀	"	"	" 12 "	"	"	"	"	"	
18374	"	♀	Oden.	"	" 26 "	"	"	"	"	"	
18375	"	♀	"	"	" 28 "	"	"	"	"	"	
18376	" <i>canadensis</i>	♀	Cadillac.	"	" 10 "	"	"	"	"	"	
18377	"	♀	"	"	" 12 "	"	"	"	"	"	
18378	"	♀	"	"	"	"	"	"	"	"	
18379	"	♀	"	"	"	"	"	"	"	"	
18380	<i>Certhia f. americana</i>	♀	"	"	" 10 "	"	"	"	"	"	Incubating, all eggs laid.
18381	"	♀	"	"	" 12 "	"	"	"	"	"	
18382	"	♀	"	"	" 14 "	"	"	"	"	"	
18383	"	♀	"	"	" 10 "	"	"	"	"	"	
18384	"	♀	Oden.	"	" 17 "	"	"	"	"	"	
18385	<i>Troglodytes aedon</i>	♀	Cadillac.	"	" 10 "	"	"	"	"	"	
18386	"	♀	"	"	" 14 "	"	"	"	"	"	
18387	"	♀	"	"	"	"	"	"	"	"	
18388	"	♀	"	"	"	"	"	"	"	"	
18389	" <i>hiemalis</i>	♀	Oden.	"	" 21 "	"	"	"	"	"	
18390	"	♀	"	"	"	"	"	"	"	"	
18391	"	♀	"	"	" 24 "	"	"	"	"	"	
18392	<i>Monotilta varia</i>	♀	"	"	" 19 "	"	"	"	"	"	
18393	"	♀	"	"	" 28 "	"	"	"	"	"	
18394	"	♀	"	"	" 19 "	"	"	"	"	"	
18395	<i>Helminthophila ruficapilla</i>	♀	"	"	" 17 "	"	"	"	"	"	
18396	"	♀	"	"	"	"	"	"	"	"	Exch. to L.
18397	"	♀	"	"	" 19 "	"	"	"	"	"	
18398	"	♀	"	"	"	"	"	"	"	"	
18399	"	♀	"	"	" 21 "	"	"	"	"	"	

Catalogue Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
18400	<i>Helminthophila ruficapilla</i>	♂	Aden Michigan	May 21, 1888	William Brewster	William Brewster	William Brewster	1888		
18401	"	♂	"	"	"	"	"	"		
18402	"	♂	"	"	"	"	"	"		
18403	"	♂	Cadillac	" 12	"	"	"	"		Excl.
18404	<i>peregrina</i>	♂	Aden	" 21	"	"	"	"		
18405	"	♂	"	"	"	"	"	"		
18406	"	♂	"	"	"	"	"	"		
18407	"	♂	"	" 22	"	"	"	"		Excl. Is. Cat.
18408	"	♂	"	"	"	"	"	"		
18409	"	♂	"	"	"	"	"	"		
18410	"	♂	"	"	"	"	"	"		
18411	"	♂	"	"	"	"	"	"		
18412	"	♂	"	"	"	"	"	"		
18413	"	♂	"	"	"	"	"	"		
18414	"	♂	"	"	"	"	"	"		
18415	"	♂	"	"	"	"	"	"		
18416	"	♂	"	"	"	"	"	"		
18417	"	♂	"	" 23	"	"	"	"		
18418	"	♂	"	"	"	"	"	"		
18419	"	♂	"	"	"	"	"	"		
18420	"	♂	"	" 24	"	"	"	"		
18421	"	♂	"	" 26	"	"	"	"		
18422	"	♂	"	"	"	"	"	"		
18423	"	♂	"	" 21	"	"	"	"		Excl.
18424	"	♂	"	"	"	"	"	"		
18425	"	♂	"	" 22	"	"	"	"		
18426	"	♂	"	"	"	"	"	"		
18427	"	♂	"	"	"	"	"	"		
18428	"	♂	"	"	"	"	"	"		
18429	"	♂	"	"	"	"	"	"		
18430	"	♂	"	"	"	"	"	"		
18431	"	♂	"	" 23	"	"	"	"		
18432	"	♂	"	" 26	"	"	"	"		
18433	"	♂	"	" 21	"	"	"	"		
18434	<i>Compsothlypis celata</i>	♂	"	" 19	"	"	"	"		
18435	"	♂	"	" 23	"	"	"	"		
18436	"	♂	"	" 26	"	"	"	"		
18437	"	♂	"	"	"	"	"	"		
18438	"	♂	"	"	"	"	"	"		
18439	"	♂	"	" 28	"	"	"	"		
18440	"	♂	"	" 30	"	"	"	"		
18441	"	♂	"	" 21	"	"	"	"		
18442	"	♂	"	"	"	"	"	"		
18443	"	♂	"	"	"	"	"	"		
18444	"	♂	"	" 22	"	"	"	"		
18445	"	♂	"	" 12	"	"	"	"		
18446	<i>Dendroica aestiva</i>	♂	Cadillac	" 21	"	"	"	"		
18447	"	♂	Aden	" 22	"	"	"	"		
18448	<i>blackburniae</i>	♂	Cadillac	" 12	"	"	"	"		
18449	"	♂	"	"	"	"	"	"		



Catalogued by *O. W. Dutton*

Catalogue Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
18450	<i>Dendroica blackburniae</i>	♂	Cadillac Michigan	May 12 1888	William Brewster	William Brewster	William Brewster	1888		
18451	"	♂	Aden	" 17 "	"	"	"	"	"	
18452	"	♂	"	" 23 "	"	"	"	"	"	
18453	"	♂	"	" 24 "	"	"	"	"	"	
18454	"	♂	"	" 26 "	"	"	"	"	"	
18455	"	♂	"	" 30 "	"	"	"	"	"	
18456	"	♂	"	" " "	"	"	"	"	"	
18457	<i>coronata</i>	♂	"	" 17 "	"	"	"	"	"	
18458	"	♂	"	" 19 "	"	"	"	"	"	
18459	"	♂	"	" " "	"	"	"	"	"	
18460	"	♂	"	" 24 "	"	"	"	"	"	
18461	"	♂	"	" 29 "	"	"	"	"	"	
18462	<i>pinus</i>	♂	"	" 21 "	"	"	"	"	"	
18463	"	♂	Cadillac	" 14 "	"	"	"	"	"	
18464	"	♂	"	" 10 "	"	"	"	"	"	
18465	<i>tigrina</i>	♂	"	" 14 "	"	"	"	"	"	
18466	"	♂	"	" " "	"	"	"	"	"	
18467	"	♂	Aden	" 21 "	"	"	"	"	"	
18468	"	♂	"	" " "	"	"	"	"	"	
18469	"	♂	"	" " "	"	"	"	"	"	
18470	"	♂	"	" " "	"	"	"	"	"	
18471	"	♂	"	" 24 "	"	"	"	"	"	
18472	"	♂	"	" " "	"	"	"	"	"	
18473	<i>maculosa</i>	♂	"	" 17 "	"	"	"	"	"	
18474	"	♂	"	" 18 "	"	"	"	"	"	
18475	"	♂	"	" 21 "	"	"	"	"	"	
18476	"	♂	"	" 23 "	"	"	"	"	"	
18477	"	♂	"	" 24 "	"	"	"	"	"	
18478	"	♂	"	" 21 "	"	"	"	"	"	
18479	"	♂	"	" 22 "	"	"	"	"	"	
18480	"	♂	"	" 24 "	"	"	"	"	"	
18481	"	♂	"	" " "	"	"	"	"	"	
18482	"	♂	Cadillac	" 12 "	"	"	"	"	"	
18483	"	♂	"	" 14 "	"	"	"	"	"	
18484	"	♂	"	" " "	"	"	"	"	"	
18485	<i>virens</i>	♂	"	" 10 "	"	"	"	"	"	
18486	"	♂	"	" 14 "	"	"	"	"	"	
18487	"	♂	"	" " "	"	"	"	"	"	
18488	"	♂	"	" 13 "	"	"	"	"	"	
18489	"	♂	Aden	" 21 "	"	"	"	"	"	
18490	"	♂	"	" 17 "	"	"	"	"	"	
18491	<i>pennsylvanica</i>	♂	"	" 26 "	"	"	"	"	"	
18492	"	♂	"	" 24 "	"	"	"	"	"	
18493	"	♂	Cadillac	" 14 "	"	"	"	"	"	
18494	<i>caerulescens</i>	♂	"	" 10 "	"	"	"	"	"	
18495	"	♂	"	" 14 "	"	"	"	"	"	
18496	"	♂	Aden	" 17 "	"	"	"	"	"	
18497	"	♂	"	" 19 "	"	"	"	"	"	
18498	"	♂	"	" " "	"	"	"	"	"	
18499	"	♂	"	" 21 "	"	"	"	"	"	

Not near laying.  
 found in a hole. St. Benedict's Co.

Catalogue Original  
number number

Name

Sex and  
age.

Taken at or near.

Date  
of capture.

Taken by

Skinned by

Received from

When received

By

Remarks.

Catalogued by *O. W. Austin.*

18500	<i>Dendroica caerulescens</i>	♂	Odor.	Michigan	May 24, 1888	William Brewster	William Brewster	William Brewster	1888	
18501	" <i>strata</i>	♂	"	"	" 22 "	"	"	"	"	
18502	"	♂	"	"	" 26 "	"	"	"	"	
18503	"	♂	"	"	" " "	"	"	"	"	
18504	" <i>castanea</i>	♂	"	"	" 21 "	"	"	"	"	
18505	"	♂	"	"	" " "	"	"	"	"	
18506	"	♂	"	"	" 26 "	"	"	"	"	
18507	" <i>palmarum</i>	♂	"	"	" 17 "	"	"	"	"	
18508	"	♂	"	"	" " "	"	"	"	"	
18509	"	♂	"	"	" " "	"	"	"	"	
18510	"	♂	"	"	" " "	"	"	"	"	
18511	"	♂	"	"	" " "	"	"	"	"	
18512	"	♂	"	"	" " "	"	"	"	"	
18513	"	♂	"	"	" " "	"	"	"	"	
18514	"	♂	"	"	" " "	"	"	"	"	
18515	"	♂	"	"	" 19 "	"	"	"	"	
18516	"	♂	"	"	" " "	"	"	"	"	
18517	"	♂	"	"	" " "	"	"	"	"	
18518	"	♂	"	"	" 17 "	"	"	"	"	
18519	"	♂	"	"	" " "	"	"	"	"	
18520	"	♂	"	"	" " "	"	"	"	"	
18521	"	♂	"	"	" " "	"	"	"	"	
18522	"	♂	"	"	" " "	"	"	"	"	
18523	"	♂	"	"	" " "	"	"	"	"	
18524	"	♂	"	"	" " "	"	"	"	"	
18525	"	♂	"	"	" 18 "	"	"	"	"	
18526	"	♂	"	"	" 19 "	"	"	"	"	
18527	"	♂	"	"	" " "	"	"	"	"	
18528	"	♂	"	"	" " "	"	"	"	"	
18529	"	♂	"	"	" 21 "	"	"	"	"	
18530	"	♂	"	"	" " "	"	"	"	"	
18531	"	♂	"	"	" 22 "	"	"	"	"	
18532	" <i>Geothlypis philadelphia</i>	♂	Cadillac	"	" 14 "	"	"	"	"	
18533	"	♂	Odor	"	" 22 "	"	"	"	"	
18534	"	♂	"	"	" " "	"	"	"	"	
18535	"	♂	"	"	" 23 "	"	"	"	"	
18536	"	♂	"	"	" 25 "	"	"	"	"	
18537	"	♂	"	"	" " "	"	"	"	"	
18538	"	♂	"	"	" 29 "	"	"	"	"	
18539	"	♂	"	"	" 23 "	"	"	"	"	
18540	"	♂	"	"	" 30 "	"	"	"	"	
18541	" <i>Sylvania canadensis</i>	♂	"	"	" 22 "	"	"	"	"	
18542	"	♂	"	"	" " "	"	"	"	"	
18543	"	♂	"	"	" " "	"	"	"	"	
18544	"	♂	"	"	" 23 "	"	"	"	"	
18545	"	♂	"	"	" 26 "	"	"	"	"	
18546	"	♂	"	"	" " "	"	"	"	"	
18547	"	♂	"	"	" 28 "	"	"	"	"	
18548	"	♂	"	"	" " "	"	"	"	"	
18549	"	♂	"	"	" 29 "	"	"	"	"	

18550	<i>Sylvania canadensis</i>	♀	Orlen.	Michigan	May 22 1888	William Brewster	William Brewster	William Brewster	1888	
18551		♀	"	"	" 23	"	"	"	"	
18552	<i>Myiodytes pusillus</i>	♀	"	"	" 23	"	"	"	"	
18553	"	♀	"	"	" 4	"	"	"	"	
18554		♀	"	"	" 22	"	"	"	"	
18555	<i>Setophaga ruticilla</i>	♀	"	"	" 19	"	"	"	"	
18556	<i>Geothlypis t. occidentalis</i>	♀	"	"	" 19	"	"	"	"	
18557	<i>Seiurus aurocapillus</i>	♂	Cadillac	"	" 13	"	"	"	"	
18558	<i>Seiurus monticola</i>	♂	Orlen	"	" 19	"	"	"	"	
18559		♀	"	"	" 23	"	"	"	"	
18560	<i>Vireo olivaceus</i>	♂	Cadillac	"	" 13	"	"	"	"	
18561	"	♀	Orlen	"	" 22	"	"	"	"	
18562	"	♀	"	"	" 24	"	"	"	"	
18563	<i>Philadelphina</i>	♀	"	"	" 22	"	"	"	"	
18564	<i>Empidonax carolinensis</i>	♀	"	"	" 25	"	"	"	"	
18565	<i>Chelidon erythrogaster</i>	♀	"	"	" 28	"	"	"	"	
18566		♀	"	"	"	"	"	"	"	
18567	<i>Scolecophagus</i>	♀	"	"	"	"	"	"	"	
18568	"	♀	"	"	"	"	"	"	"	
18569	"	♀	"	"	"	"	"	"	"	
18570	"	♀	"	"	"	"	"	"	"	
18571	"	♀	"	"	"	"	"	"	"	
18572	"	♀	"	"	"	"	"	"	"	
18573	"	♀	"	"	"	"	"	"	"	
18574	"	♀	"	"	"	"	"	"	"	
18575	<i>Piranga erythromelas</i>	♀	"	"	" 16	"	"	"	"	
18576	"	♀	"	"	" 17	"	"	"	"	
18577	"	♀	"	"	"	"	"	"	"	
18578	"	♀	"	"	" 26	"	"	"	"	
18579	<i>Carpodacus purpureus</i>	♀	"	"	" 22	"	"	"	"	
18580	<i>Ammodramus s. savanna</i>	♀	"	"	" 17	"	"	"	"	
18581	<i>Trocaetes gramineus</i>	♀	Cadillac	"	" 14	"	"	"	"	
18582		♀	"	"	"	"	"	"	"	
18583	<i>Zonotrichia leucophrys</i>	♀	Orlen	"	" 19	"	"	"	"	
18584	"	♀	"	"	" 23	"	"	"	"	
18585	"	♀	"	"	"	"	"	"	"	
18586	<i>albicollis</i>	♀	"	"	" 12	"	"	"	"	
18587	"	♀	"	"	"	"	"	"	"	
18588	"	♀	"	"	" 19	"	"	"	"	
18589	"	♀	Cadillac	"	" 12	"	"	"	"	
18590	"	♀	"	"	" 14	"	"	"	"	
18591	<i>Melospiza lincolni</i>	♀	Orlen	"	" 19	"	"	"	"	
18592	<i>Spizella monticola</i>	♀	"	"	" 17	"	"	"	"	
18593	"	♀	"	"	"	"	"	"	"	
18594	<i>socialis</i>	♀	"	"	"	"	"	"	"	
18595	"	♀	"	"	"	"	"	"	"	
18596	"	♀	"	"	" 14	"	"	"	"	
18597	"	♀	"	"	"	"	"	"	"	
18598	"	♀	"	"	" 17	"	"	"	"	
18599	"	♀	"	"	"	"	"	"	"	

Laying.

Catalogue original number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	Remarks.
18610	<i>Junco hyemalis</i> .	♂	Eden Michigan	May 17, 1888	William Brewster	William Brewster	William Brewster	1888	
18611	"	♂	"	"	"	"	"	"	
18602	"	♂	Cadillac	"	"	"	"	"	
18603	"	♂	"	"	"	"	"	"	
18614	"	♂	"	"	"	"	"	"	
18605	<i>Melospiza fasciata</i> .	♂	Eden	"	"	"	"	"	
18606	"	♂	"	"	"	"	"	"	
18607	<i>Habia ludoviciana</i>	♂	"	"	"	"	"	"	
18608	"	♂	"	"	"	"	"	"	
18614	<i>Agelaius phoeniceus</i>	♂	"	"	"	"	"	"	
18616	"	♂	"	"	"	"	"	"	
18611	"	♂	"	"	"	"	"	"	
18612	"	♂	"	"	"	"	"	"	
18613	"	♂	"	"	"	"	"	"	
18614	<i>Quiscalus q. cinereus</i>	♂	"	"	"	"	"	"	
18615	"	♂	"	"	"	"	"	"	
18616	<i>Cyanocitta cristata</i>	♂	Cadillac	"	"	"	"	"	
18617	<i>Cinclus borealis</i>	♂	Eden	"	"	"	"	"	
18618	"	♂	"	"	"	"	"	"	
18619	<i>Empidonax virens</i> .	♂	"	"	"	"	"	"	
18620	<i>Empidonax traillii</i> .	♂	"	"	"	"	"	"	
18621	"	♂	"	"	"	"	"	"	
18622	" <i>minimus</i>	♂	"	"	"	"	"	"	
18623	"	♂	"	"	"	"	"	"	
18624	"	♂	"	"	"	"	"	"	
18625	"	♂	"	"	"	"	"	"	
18626	"	♂	"	"	"	"	"	"	
18627	"	♂	"	"	"	"	"	"	
18628	" <i>flaviventris</i>	♂	"	"	"	"	"	"	
18629	"	♂	"	"	"	"	"	"	
18630	<i>Chaetura pelagica</i>	♂	"	"	"	"	"	"	
18631	<i>Dryobates pubescens</i>	♂	"	"	"	"	"	"	
18632	"	♂	"	"	"	"	"	"	
18633	" <i>villosus</i>	♂	"	"	"	"	"	"	
18634	"	♂	Cadillac	"	"	"	"	"	
18635	<i>Nucifraga arctica</i>	♂	"	"	"	"	"	"	
18636	"	♂	"	"	"	"	"	"	
18637	"	♂	"	"	"	"	"	"	
18638	<i>Sphyrapicus varius</i>	♂	"	"	"	"	"	"	
18639	"	♂	"	"	"	"	"	"	
18640	"	♂	"	"	"	"	"	"	
18641	"	♂	Eden	"	"	"	"	"	
18642	"	♂	"	"	"	"	"	"	
18643	<i>Buteo latissimus</i> .	♂	"	"	"	"	"	"	
18644	"	♂	"	"	"	"	"	"	
18645	<i>Ectopistes migratorius</i>	♂	"	"	"	"	"	"	
18646	"	♂	Cadillac	"	"	"	"	"	
18647	"	♂	"	"	"	"	"	"	
18648	<i>Bonasa umbellus</i>	♂	"	"	"	"	"	"	
18649	"	♂	Eden	"	"	"	"	"	

Baiting just and about to lay.

Testes maximum size.  
Laying.

Tarsi purplish brown.

Laying.  
Incubating.  
Laying.Iris brownish-olive; legs greenish yellow.  
Arch to base of bill.Beak nuts, Iris blood red, Tarsi flesh pink.  
Elder leaves, Iris red brown.

Catalogued by J. W. Denton.

Catalogue Original  
number number

Name

Sex and  
age

Taken at or near

Date  
of capture

Taken by

Skinned by

Received from

When received

By

Remarks.

18650	<i>Ereunetes pusillus</i>	♀	Oden	Michigan	May 28. 1888	William Brewster	William Brewster	William Brewster	1888.	
18651	<i>Turdus a. pallasi</i>	♀	Waltham	Mass	Apr. 25. "	"	"	"	"	
18652		♂			"	"	"	"	"	
18653	<i>Merula migratoria</i>	♂	Ipswich	"	" 8	J. W. Denton	"	"	"	
18654		♂	Haverhill	"	" 8	H. M. Spelman	"	"	"	
18655	<i>Caprimulgus rufus</i>	♂	Belmont	"	May 9.	William Brewster	"	"	"	
18656	<i>Regulus calendula</i>	♂	Cambridge	"	Apr. 24	"	"	"	"	
18657	"	♂	Waltham	"	" 25	"	"	"	"	
18658	<i>Certhia satrapa</i>	♂		"	"	"	"	"	"	
18659	<i>Certhia f. americana</i>	♂	Watertown	"	Feb. 13	"	"	"	"	
18660	"	♂	"	"	"	"	"	"	"	
18661	"	♂	"	"	Mar. 22	"	"	"	"	
18662	"	♂	"	"	Feb. 13	"	"	"	"	
18663	"	♂	"	"	Mar. 22	"	"	"	"	
18664	"	♂	Waltham	"	Apr. 25	"	"	"	"	
18665	"	♂	Concord	"	" 13	"	"	"	"	
18666	"	♂	"	"	"	"	"	"	"	
18667	"	♂	"	"	"	"	"	"	"	
18668	<i>Empidonax americanus</i>	♂	Winchendon	"	June 12	"	J. W. Denton	"	"	
18669	"	♂	"	"	" 16	"	"	"	"	
18670	<i>Dendroica maculosa</i>	♂	"	"	" 15	"	"	"	"	
18671	"	♂	"	"	" 17	"	"	"	"	
18672	" <i>caerulea</i>	♂	"	"	"	"	"	"	"	
18673	<i>Ampelis cedrorum</i>	♂	Waltham	"	Apr. 25	"	William Brewster	"	"	
18674	"	♂	Belmont	"	Mar. 24	"	"	"	"	
18675	"	♂	"	"	"	"	"	"	"	
18676	"	♂	"	"	"	"	"	"	"	
18677	"	♂	"	"	"	"	"	"	"	
18678	"	♂	"	"	"	"	"	"	"	
18679	"	♂	"	"	"	"	"	"	"	
18680	<i>Chelidon erythrogaster</i>	♂	Winchendon	"	June 14	C. E. Bailey	J. W. Denton	"	"	
18681	<i>Carpodacus purpureus</i>	♂	Belmont	"	Mar. 22	William Brewster	"	"	"	
18682	<i>Lanius c. minor</i>	♂	Winchendon	"	June 13	"	J. W. Denton	"	"	
18683	"	♂	Belmont	"	Nov. 22	"	William Brewster	"	"	
18684	"	♂	"	"	"	"	"	"	"	
18685	"	♂	"	"	"	"	"	"	"	
18686	"	♂	"	"	"	"	"	"	"	
18687	"	♂	"	"	"	"	"	"	"	
18688	"	♂	"	"	"	"	"	"	"	
18689	"	♂	"	"	"	"	"	"	"	
18690	"	♂	"	"	"	"	"	"	"	
18691	<i>Acanthis linaria</i>	♂	Concord	"	April 5	"	"	"	"	
18692	"	♂	"	"	"	"	"	"	"	
18693	"	♂	"	"	" 12	"	"	"	"	
18694	"	♂	"	"	"	"	"	"	"	
18695	"	♂	"	"	"	"	"	"	"	
18696	<i>Spinus pinus</i>	♂	Cambridge	"	" 18	"	"	"	"	
18697	"	♂	"	"	"	"	"	"	"	
18698	"	♂	"	"	"	"	"	"	"	
18699	"	♂	Belmont	"	Nov. 24	"	"	"	"	

DONE IN EXCH. TO POST. SOC. NAT. HIST.

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DONE IN EXCH. TO POST. SOC. NAT. HIST.

Catalogued by *S. H. Denton*.

Catalogue Original number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
18760	<i>Spinus pinus.</i>	♂	Revere Beach Mass.	Feb. 20. 1888	William Brewster	William Brewster	William Brewster	1888		
18761	" "	♂	" "	" " "	" "	" "	" "	" "		
18762	" "	♂	" "	" " "	" "	" "	" "	" "		
18763	" "	♂	" "	" " "	" "	" "	" "	" "		
18764	" "	♂	" "	" " "	" "	" "	" "	" "		
18765	" "	♂	" "	" " "	" "	" "	" "	" "		
18766	" "	♂	" "	" " "	" "	" "	" "	" "		
18767	" "	♂	" "	" " "	" "	" "	" "	" "		
18768	" "	♂	" "	" " "	" "	" "	" "	" "		
18769	" "	♂	" "	" " "	" "	" "	" "	" "		
18770	" "	♂	" "	" " "	" "	" "	" "	" "		
18771	" "	♂	" "	" " "	" "	" "	" "	" "		
18772	" "	♂	" "	" " "	" "	" "	" "	" "		
18773	" "	♂	" "	" " "	" "	" "	" "	" "		
18774	" "	♂	" "	" " "	" "	" "	" "	" "		
18775	" "	♂	" "	" " "	" "	" "	" "	" "		
18776	" "	♂	" "	" " "	" "	" "	" "	" "		
18777	" <i>tristis</i>	♂	Waltham	Apr. 25. "	" "	" "	" "	" "		
18778	<i>Electrophenax nivalis</i>	♂	Concord	Mar. 13 "	" "	" "	" "	" "		
18779	" "	♂	Spencer	Mar. 30 "	" "	" "	" "	" "		
18780	" "	♂	" "	" " "	" "	" "	" "	" "		
18781	" "	♂	" "	" " "	" "	" "	" "	" "		
18782	" "	♂	" "	Apr. 3 "	S. W. Denton	" "	" "	" "		
18783	" "	♂	" "	" " "	" "	" "	" "	" "		
18784	" "	♂	" "	" " "	" "	" "	" "	" "		
18785	<i>Passerculus princeps</i>	♂	" "	Apr. 30 "	" "	" "	" "	" "		
18786	" "	♂	" "	Apr. 3 "	" "	" "	" "	" "		
18787	<i>Ammodramus s. savanna</i>	♂	Concord	" 12 "	William Brewster	" "	" "	" "		
18788	" "	♂	" "	" " "	" "	" "	" "	" "		
18789	<i>Poocaetes gramineus.</i>	♂	" "	" 9. "	" "	" "	" "	" "		
18790	" "	♂	" "	" " "	" "	" "	" "	" "		
18791	" "	♂	" "	" " "	" "	" "	" "	" "		
18792	" "	♂	" "	" 6. "	" "	" "	" "	" "		
18793	" "	♂	" "	" " "	" "	" "	" "	" "		
18794	" "	♂	" "	" 12 "	" "	" "	" "	" "		
18795	" "	♂	" "	" 25 "	" "	" "	" "	" "		
18796	<i>Spizella monticola</i>	♂	Waltham	" 18 "	" "	" "	" "	" "		
18797	" "	♂	Cambridge	" " "	" "	" "	" "	" "		
18798	" "	♂	" "	" " "	" "	" "	" "	" "		
18799	" "	♂	" "	" " "	" "	" "	" "	" "		
18740	" "	♂	" "	" " "	" "	" "	" "	" "		
18741	" "	♂	" "	" 24 "	" "	" "	" "	" "		
18742	" "	♂	" "	" " "	" "	" "	" "	" "		
18743	" "	♂	" "	" " "	" "	" "	" "	" "		
18744	" "	♂	" "	" 18 "	" "	" "	" "	" "		
18745	" "	♂	" "	" 24 "	" "	" "	" "	" "		
18746	" "	♂	" "	" " "	" "	" "	" "	" "		
18747	" "	♂	" "	" " "	" "	" "	" "	" "		
18748	" "	♂	" "	" " "	" "	" "	" "	" "		
18749	" "	♂	" "	" " "	" "	" "	" "	" "		

*Testes o*

NONE IN EXCH. TO POST. SOC. NAT. HIST.

NONE IN EXCH. TO POST. SOC. NAT. HIST.

*Testes o*

NONE IN EXCH. TO POST. SOC. NAT. HIST.

*Linear to Denton**Testes o*

NONE IN EXCH. TO POST. SOC. NAT. HIST.

*Reported*

NONE IN EXCH. TO POST. SOC. NAT. HIST.

NONE IN EXCH. TO POST. SOC. NAT. HIST.

18750	<i>Spizella monticola</i>	♂	Concord Mass.	Apr. 12 1888	William Brewster	William Brewster	William Brewster	1888	
18751	" "	♂	" "	" 5 "	" "	" "	" "	" "	
18752	" "	♂	" "	" " "	" "	" "	" "	" "	
18753	" "	♂	" "	" 12 "	" "	" "	" "	" "	
18754	" "	♂	Belmont	Mar. 23	" "	" "	" "	" "	
18755	" "	♂	Spewich	Apr. 3	S.W. Denton	" "	" "	" "	
18756	<i>Junco hyemalis</i>	♂	Concord	" 9	William Brewster	" "	" "	" "	Tails very small.
18757	" "	♂	" "	" 12	" "	" "	" "	" "	
18758	" "	♂	" "	" " "	" "	" "	" "	" "	
18759	" "	♂	" "	" 12	" "	" "	" "	" "	
18760	" "	♂	" "	" " "	" "	" "	" "	" "	
18761	" "	♂	" "	" " "	" "	" "	" "	" "	
18762	" "	♂	" "	" " "	" "	" "	" "	" "	
18763	" "	♂	" "	" " "	" "	" "	" "	" "	
18764	" "	♂	Watertown	Feb. 13	" "	" "	" "	" "	
18765	" "	♂	" "	" " "	" "	" "	" "	" "	
18766	<i>Melospiza fasciata</i>	♂	Spewich	Mar. 30	" "	" "	" "	" "	
18767	" "	♂	Concord	Apr. 12	" "	" "	" "	" "	
18768	<i>georgiana</i>	♂	Cambridge	" 18	" "	" "	" "	" "	Given to Miss Helen Swanger, March 1916.
18769	" "	♂	" "	" " "	" "	" "	" "	" "	
18770	" "	♂	" "	" " "	" "	" "	" "	" "	
18771	" "	♂	" "	" " "	" "	" "	" "	" "	
18772	" "	♂	" "	" " "	" "	" "	" "	" "	
18773	" "	♂	" "	" " "	" "	" "	" "	" "	
18774	" "	♂	" "	" " "	" "	" "	" "	" "	
18775	" "	♂	" "	" 24	" "	" "	" "	" "	
18776	" "	♂	" "	" " "	" "	" "	" "	" "	
18777	" "	♂	" "	" " "	" "	" "	" "	" "	
18778	" "	♂	" "	" " "	" "	" "	" "	" "	
18779	" "	♂	" "	" " "	" "	" "	" "	" "	
18780	" "	♂	" "	" " "	" "	" "	" "	" "	
18781	<i>Passerella iliaca</i>	♂	Concord	" 5	" "	" "	" "	" "	
18782	" "	♂	" "	" 6	" "	" "	" "	" "	
18783	" "	♂	" "	" 12	" "	" "	" "	" "	
18784	" "	♂	" "	" " "	" "	" "	" "	" "	
18785	" "	♂	" "	" " "	" "	" "	" "	" "	
18786	" "	♂	" "	" " "	" "	" "	" "	" "	
18787	" "	♂	" "	" " "	" "	" "	" "	" "	
18788	" "	♂	Belmont	Mar. 24	" "	" "	" "	" "	
18789	<i>Agelaius phoeniceus</i>	♂	Concord	Apr. 9	" "	" "	" "	" "	
18790	" "	♂	" "	" " "	" "	" "	" "	" "	
18791	" "	♂	" "	" " "	" "	" "	" "	" "	
18792	" "	♂	" "	" 12	" "	" "	" "	" "	
18793	" "	♂	" "	" " "	" "	" "	" "	" "	
18794	" "	♂	" "	" " "	" "	" "	" "	" "	
18795	" "	♂	" "	" " "	" "	" "	" "	" "	
18796	<i>Otocoris alpestris</i>	♂	Spewich	" 3	S.W. Denton	" "	" "	" "	
18797	" "	♂	" "	" " "	" "	" "	" "	" "	
18798	<i>Sayornis phoebe</i>	♂	Concord	" 9	William Brewster	" "	" "	" "	
18799	<i>Catharus pelagicus</i>	♂	Worcester	June 12	" "	S.W. Denton	" "	" "	

GONE IN EXCH. TO POST. FOR. NAT. HIST.

Tails very small.

GONE IN EXCH. TO POST. FOR. NAT. HIST.

GONE IN EXCH. TO POST. FOR. NAT. HIST.

GONE IN EXCH. TO POST. FOR. NAT. HIST.

Tails.

Given to Miss Helen Swanger, March 1916.

GONE IN EXCH. TO

Tails.

GONE IN EXCH. TO POST. FOR. NAT. HIST.

GONE IN EXCH. TO

GONE IN EXCH. TO

Given to Miss Helen Swanger, March 1916.

GONE IN EXCH. TO POST. FOR. NAT. HIST.

Tails.

GONE IN EXCH. TO POST. FOR. NAT. HIST.

GONE IN EXCH. TO SWED. NAT. MUS.







Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
18900	43	<i>Sialia vaurii</i>	♂	N. Klamath Oregon	Aug. 26, 1888	S. Parker	S. Parker	S. Parker	1888	Purchase	Length 4.56 bill black, legs purplish, iris brown
18901	112	"	♂	"	"	"	"	"	"	"	"
18902	46	"	♂	"	"	"	"	"	"	"	"
18903	180	<i>Loxia curv. minor</i>	♂	" Washington D. C.	Jan. 2, 1888	E. Richmond	E. Richmond	E. Richmond	"	Exchange	" 4.54 " " " " " "
18904	471	"	♂	"	"	"	"	"	"	"	"
18905	477	"	♂	"	"	"	"	"	"	"	"
18906	628	"	♂	"	Feb. 26	"	"	"	"	"	"
18907	619	"	♂ ad	"	"	"	"	"	"	"	"
18908	487	"	♂	"	Jan. 2	"	"	"	"	"	"
18909	485	"	♂	"	"	"	"	"	"	"	"
18910	631	"	♂	"	Feb. 23	"	"	"	"	"	"
18911	556	"	♂	Alexander Co. Va.	" 7	"	"	"	"	"	"
18912	629	"	♂	"	Mar. 4	"	"	"	"	"	"
18913	572	"	♂	"	Feb. 7	"	"	"	"	"	"
18914	566	"	♂	"	"	"	"	"	"	"	"
18915	630	"	♂	"	Mar. 4	"	"	"	"	"	"
18916	1539	<i>Vireo solitarius alticola</i>	♂	Raleigh N. Carolina	June 4	W. Brimley	W. Brimley	W. Brimley	"	Purchase	Length 5.25, wing 3 1/4, tail 2 1/4, short 9 1/4.
18917	1546	<i>Ceryle v. auduboni</i>	♂	"	July 16	"	"	"	"	"	" 9 1/4 " 4 1/4 " 5 " 13 1/2
18918	1577	<i>Colaptes auratus</i>	juv	"	" 18	"	"	"	"	"	" 10 1/4 " 5 1/4 " 3 1/4 " 18 1/2
18919		<i>Atalapha philadelphia</i>	juv	N. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18920	3488	<i>Choccy a. giraudi</i>	juv	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18921		<i>Minus carolinensis</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18922		<i>Compsothlypis americana</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18923	183	<i>Spinus pinus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18924	305	<i>Spinus pinus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18925	116	<i>Spinus pinus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18926	378	<i>Spinus pinus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18927	108	<i>Spinus pinus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18928	111	<i>Spinus pinus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18929	385	<i>Agelaius phoeniceus</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18930	346	<i>Sturnella magna</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18931	356	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18932	337	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18933	344	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18934	341	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18935	342	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18936	343	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18937	313	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18938	311	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18939	320	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18940	350	<i>Corvus corax</i>	♂	"	May 12, 1888	"	"	"	"	"	"
18941	269	<i>Calidris arctica</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18942	216	<i>Tringa fuscicollis</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18943	195	<i>Tringa fuscicollis</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18944	203	<i>Tringa fuscicollis</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18945	201	<i>Tringa fuscicollis</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18946	232	<i>Actanus melanoleucus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18947	306	<i>Actanus melanoleucus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18948	41	<i>Actanus melanoleucus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"
18949	64	<i>Actanus melanoleucus</i>	♂	W. H. Hodge	Aug. 4, 1888	W. H. Hodge	W. H. Hodge	W. H. Hodge	"	"	"

Catalogued by J. C. Collins

Catalogue Original number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	Weight	Length	Wing	Tail	Remarks.
18950. 364	<i>Chondestes squatarola</i>	♀	Monterey Is. Mass.	May 11, 1888	J. C. Collins	J. C. Collins	J. C. Collins	4.0	11.0	11.0	11.0	
18951. 363	"	♀	"	"	"	"	"	"	"	"	"	
18952. 366	"	♀	"	"	"	"	"	"	"	"	"	
18953. 367	<i>Agas cardinensis</i>	♂	"	Apr. 14, 1888	"	"	"	"	"	"	"	This bird was winged by J. C. Collins and kept alive several weeks.
18954. 368	<i>Sturna hirundo</i>	♂	"	Apr. 17, 1888	"	"	"	"	"	"	"	CONTAINED IN NO. 10
18955. 192	<i>Regulus calendula</i>	♂	Raleigh, N. Carolina	Apr. 24, 1888	H. H. & C. S. Brimley	H. H. & C. S. Brimley	H. H. & C. S. Brimley	"	"	"	"	
18956. 134	<i>Geothlypis trichas</i>	♂	"	Mar. 31, 1888	"	"	"	"	"	"	"	
18957. 134	<i>Geothlypis trichas</i>	♂	"	Apr. 5, 1888	"	"	"	"	"	"	"	
18958. 137	"	♂	"	May 16, 1888	"	"	"	"	"	"	"	
18959. 1501	"	♂	"	June 28, 1888	"	"	"	"	"	"	"	
18960. 1537	"	♂	"	June 18, 1888	"	"	"	"	"	"	"	
18961. 1551	"	♂	"	"	"	"	"	"	"	"	"	
18962. 1550	"	♂	"	"	"	"	"	"	"	"	"	
18963. 1552	"	♂	"	"	"	"	"	"	"	"	"	
18964. 1553	"	♂	"	"	"	"	"	"	"	"	"	
18965. 1554	"	♂	"	"	"	"	"	"	"	"	"	
18966. 1453	<i>Contopus vociferus</i>	♂	"	April 30, 1888	"	"	"	"	"	"	"	
18967. 1469	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18968. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18969. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18970. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18971. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18972. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18973. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18974. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18975. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18976. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18977. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18978. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18979. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18980. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18981. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18982. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18983. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18984. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18985. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18986. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18987. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18988. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18989. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18990. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18991. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18992. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18993. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18994. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18995. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18996. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18997. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18998. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	
18999. 1448	<i>Contopus vociferus</i>	♂	"	May 2, 1888	"	"	"	"	"	"	"	

Catalogue Original number.	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
19000	<i>Regulus calendula</i>	♂	Soj. Co. Island	Oct. 6, 1888	H. W. Hartington	H. W. Hartington	H. W. Hartington	1888	Purchase	
19001	"	♂	"	" 12	"	"	"	"	"	
19002	"	♀	"	Jan. 23	"	"	"	"	"	
19003	"	♀	"	Mar. 5	"	"	"	"	"	
19004	"	♀	"	" 21	"	"	"	"	"	
19005	<i>Thryothorus ludovicianus</i>	♂	"	" 12	"	"	"	"	"	
19006	<i>Certhia palustris</i>	♂	"	Jan. 28	"	"	"	"	"	
19007	" sp. griseus	♂	"	Nov. 17, 1887	"	"	"	"	"	
19008	"	♂	"	"	"	"	"	"	"	
19009	"	♂	"	Dec. 14	"	"	"	"	"	
19010	"	♂	"	Jan. 28, 1888	"	"	"	"	"	
19011	"	♂	"	Dec. 8, 1887	"	"	"	"	"	
19012	" p. stellaris	♂	"	"	"	"	"	"	"	
19013	"	♂	"	Jan. 30, 1888	"	"	"	"	"	
19014	"	♂	"	Feb. 14	"	"	"	"	"	
19015	"	♂	"	"	"	"	"	"	"	
19016	"	♂	"	Jan. 23	"	"	"	"	"	
19017	"	♂	"	" 30	"	"	"	"	"	
19018	"	♂	"	Feb. 16	"	"	"	"	"	
19019	<i>Setaria virens</i>	♂	"	Apr. 15	"	"	"	"	"	
19020	"	♂	"	" 26	"	"	"	"	"	
19021	<i>Amphispiza bilineata</i>	♂	"	Feb. 7	"	"	"	"	"	
19022	"	♂	"	Feb. 27	"	"	"	"	"	
19023	<i>Picaca acc. bachmani</i>	♂	"	Jan. 26	"	"	"	"	"	
19024	"	♂	"	Apr. 26	"	"	"	"	"	
19025	<i>Ammodramus henrici</i>	♂	"	Jan. 24	"	"	"	"	"	
19026	"	♂	"	" 30	"	"	"	"	"	
19027	"	♂	"	Feb. 1	"	"	"	"	"	
19028	"	♂	"	Jan. 23	"	"	"	"	"	
19029	"	♂	"	" 26	"	"	"	"	"	
19030	"	♂	"	" 30	"	"	"	"	"	
19031	"	♂	"	" 31	"	"	"	"	"	
19032	" caudacutus	♂	"	Dec. 3, 1887	"	"	"	"	"	
19033	"	♂	"	" 14	"	"	"	"	"	
19034	" c. nelsoni	♂	"	"	"	"	"	"	"	
19035	"	♂	"	"	"	"	"	"	"	
19036	"	♂	"	"	"	"	"	"	"	
19037	" maritimus	♂	"	" 3	"	"	"	"	"	
19038	"	♂	"	" 1887	"	"	"	"	"	
19039	"	♂	"	" 14	"	"	"	"	"	
19040	"	♂	"	"	"	"	"	"	"	
19041	"	♂	"	"	"	"	"	"	"	
19042	"	♂	"	" 3	"	"	"	"	"	
19043	"	♂	"	"	"	"	"	"	"	
19044	"	♂	"	"	"	"	"	"	"	
19045	" m. peninsular	♂	"	"	"	"	"	"	"	
19046	"	♂	"	" 1	"	"	"	"	"	
19047	"	♂	"	" 3	"	"	"	"	"	
19048	<i>Lanius ludovicianus</i>	♂	"	Jan. 25	"	"	"	"	"	
19049	"	♂	"	Dec. 21	"	"	"	"	"	

GONE IN EXCH. TO  
WARD'S NAT. SCI. EST.GONE IN EXCH. TO  
WARD'S NAT. SCI. EST.  
Gone in exch. to Wards Nat. Sci. Est.  
Gone in exch. to Wards Nat. Sci. Est.



Catalogue-Original number number.	Name	Sex and Age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By.	Remarks.
19100	<i>Dendroica palmarum.</i>	♂	Lake Umbagog, Maine.	Sep. 17, 1888	William Brewster	William Brewster				Stomach empty. TO 305
19101	" "	♂	"	Oct 9	"	"				Shot in Leonard's Pond
19102	" <i>pal. hypochrysea</i>	♂	"	" 10	"	"				Stomach empty. TO 306
19103	<i>Tachycineta bicolor</i>	♂	"	" 1	"	"				Shot in Leonard's Pond
19104	<i>Passerina cyanea. (Linn)</i>	♂	"	" 4	"	"				Stomach empty. TO 307
19105	<i>Zonotrichia leucophrys.</i>	♂	"	" 11	"	"				Stomach empty. TO 308
19106	" "	♀	"	Sep. 23	"	"				Shot at Wad's carry.
19107	" "	♂	"	" 24	Lumen Sargent	"				" " " " " "
19108	<i>Empidonax p. trailii</i>	♀	"	" 4	William Brewster	"				" " " " " "
19109	" "	♂	"	" "	"	"				Stomach full. feeding young.
19110	" <i>minimus</i>	♂	"	" "	"	"				Shot by present. Calling gale-winch.
19111	<i>Geothlypis arctica. (Sw.)</i>	♀	"	Oct 11	J. B. Dunsell	"				Stomach empty. TO 309
19112	<i>Spinus ruber. (Linn)</i>	♀	"	Sep 29	Mr. Sherman	Black				Stomach empty. TO 310
19113	<i>Colo. columbarius</i>	♂	"	" 19	William Brewster	William Brewster				Stomach contained birds.
19114	" "	♀	"	Oct 7	"	"				Stomach empty. TO 311
19115	" "	♂	"	" 11	"	"				Stomach empty. TO 312
19116	" "	♀	"	Sep. 15	W. E. Skillings	"				Stomach contained a Sparrow.
19117	" "	♀	"	" 19	"	"				Shot by a camper.
19118	<i>Accipiter velox</i>	♀	"	" 28	William Brewster	"				Stomach contained small birds.
19119	<i>Buteo borealis. (Gmel)</i>	♂	"	Oct 11	Frank Baker	"				Stomach empty. TO 313
19120	<i>Bonasa umbellus. (Linn)</i>	♀	"	" 8	William Brewster	"				Stomach empty. TO 314
19121	<i>Dendragapus canadensis.</i>	♂	"	Sep. 11	"	"				Stomach empty. TO 315
19122	" "	♀	"	" "	"	"				Stomach empty. TO 316
19123	" "	♀	"	" "	"	"				Stomach empty. TO 317
19124	<i>Botaurus lentiginosus</i>	♀	"	" "	"	"				Stomach empty. TO 318
19125	<i>Rana maculata</i>	♂	"	Oct. 6	"	"				Shot in B. Meadow, Canada Lake Run.
19126	" "	♂	"	" "	"	"				Stomach empty. TO 319
19127	" "	♂	"	" "	"	"				Stomach empty. TO 320
19128	" "	♀	"	" "	"	"				Stomach empty. TO 321
19129	" "	♀	"	" "	"	"				Stomach empty. TO 322
19130	<i>Gallinago delicata</i>	♀	"	" "	"	"				Stomach empty. TO 323
19131	<i>Tringa flavipes</i>	♂	"	" "	"	"				Stomach empty. TO 324
19132	<i>Squatarola melanotos</i>	♀	"	Sep. 18	"	"				Stomach empty. TO 325
19133	<i>Charadrius ful. virginianus</i>	♀	"	" "	"	"				Stomach empty. TO 326
19134	<i>Numenius hudsonicus</i>	♀	"	" "	"	"				Stomach empty. TO 327
19135	<i>Ballus virginianus</i>	♂	"	" 21	"	"				Stomach empty. TO 328
19136	<i>Anas carolinensis</i>	♂	"	" 29	"	"				Shot in Sweet meadow.
19137	" "	♂	"	Oct. 6	"	"				" " Leonard's Pond
19138	" "	♀	"	" 10	"	"				Stomach empty. TO 329
19139	<i>Anas americana (Gmel)</i>	♂	"	" 5	"	"				Stomach empty. TO 330
19140	" "	♂	"	" "	"	"				Stomach empty. TO 331
19141	" "	♀	"	" 2	"	"				Stomach empty. TO 332
19142	" "	♀	"	" "	"	"				Stomach empty. TO 333
19143	" "	♀	"	" "	"	"				Stomach empty. TO 334
19144	" "	♀	"	" 3	"	"				Stomach empty. TO 335
19145	" <i>brachas. (Linn)</i>	♂	"	" 5	"	"				Stomach empty. TO 336
19146	<i>Capita acuta</i>	♀	"	Sept. 7	"	"				Stomach empty. TO 337
19147	<i>Anas obscura</i>	♀	"	Oct. 2	"	"				Stomach empty. TO 338
19148	" "	♀	"	" 8	"	"				Stomach empty. TO 339
19149	<i>Anas sponsa (Linn)</i>	♂	"	" 10	"	"				Shot in Leonard's Pond.



number number.	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	Remarks.
19150	Air sparrow.	♂ ad	Lake Umbagog, Maine	Sept. 13, 1888	William Brewster	William Brewster			Shot in C. Stud.
19151	Charittonella alberta	♀	"	Oct. 9 "	"	S. H. Denton			" "
19152	Salpinctes obsoletus	[B]	"	Sept. 20 "	"	Clark			Length 14.6, Ext. 33.
19153	"	♂	"	"	"	"			15.23 " 34.
19154	"	[B]	"	"	"	"			15.27 " 31.25
19155	"	♂	"	"	"	"			" 15.27 " 31.56
19156	"	♀	"	"	"	"			" 17. " 31.
19157	"	♀	"	"	"	"			" 17.56 " 31.
19158	"	♀	"	"	"	"			" 18 " 31.23
19159	perspicillata	♀	"	"	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19160	Sterna hiemalis	♂	"	"	"	William Brewster			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19161	Larus argentatus	♀	"	"	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19162	Corymophila julianae	♀	"	"	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19163	"	♀	"	"	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19164	"	♀	"	Oct. 2 "	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19165	"	♀	"	"	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19166	"	♀	"	"	"	"			GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19167	Amphispiza bilineata	♂	Monmouth Is. Mass.	Sept. 1 "	J. H. Whiting	J. H. Whiting	J. H. Whiting	1888	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19168	Charadrius dominicus	♂	"	"	J. C. Cahoon	J. C. Cahoon	J. C. Cahoon	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19169	"	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19170	" squatarola	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19171	"	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19172	Numenius borealis	♂	"	"	J. H. Whiting	J. H. Whiting	J. H. Whiting	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19173	"	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19174	"	♂	"	"	J. C. Cahoon	J. C. Cahoon	J. C. Cahoon	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19175	"	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19176	Totanus flavipes	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19177	Calidris borealis	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19178	Graculus occidentalis	♂	"	"	J. H. Whiting	J. H. Whiting	J. H. Whiting	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19179	Totanus solitarius	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19180	Tringa alpina pacifica	♂	"	Aug. 29 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19181	"	♂	"	Sept. 24 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19182	" fusca	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19183	" maculosa	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19184	"	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19185	"	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19186	"	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19187	"	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19188	" carolinensis	♂	"	Sept. 10 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19189	"	♀	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19190	Macrorhamphus scotopaeus	♂	"	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19191	Spizella monticola	♀	Wakefield	Aug. 29 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19192	Spizella monticola	♀	Belmont	May 9 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19193	Spizella monticola	♀	Franklin	Nov. 6 "	William Brewster	S. H. Denton	J. B. Webster	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19194	Spizella monticola	♀	Wellesley	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19195	Spizella monticola	♀	Revere Beach	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19196	Spizella monticola	♂	Concord	Oct. 23 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19197	Spizella monticola	♀	Ipswich	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19198	Spizella monticola	♂	Wren Beach	"	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.
19199	Spizella monticola	♂	Ipswich	Nov. 15 "	"	"	"	"	GOING IN EXCH. TO BOST. SOC. NAT. HIST.



Catalogue Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
19250	<i>Electrophenax nivalis</i>	♀	Ipswich. Mass	Nov. 15. 1888	William Brewster	C. W. Denton				
19251		♀	"	"	"	"				
19252	<i>Otocoris alpestris</i>	♂	"	Oct. 30	"	William Brewster				
19253	"	♂	"	"	"	C. W. Denton				
19254	"	♂	"	"	"	"				
19255	"	♂	"	"	"	"				
19256	"	♂	"	"	"	William Brewster				
19257	"	♂	"	"	"	"				
19258	"	♂	"	"	"	"				
19259	"	♂ ad.	"	"	"	"				
19260	"	♂	"	Nov. 8	"	C. W. Denton				
19261	"	♂	"	"	"	"				
19262	"	♂	"	"	"	"				
19263	"	♂	"	"	"	William Brewster				
19264	"	♂	"	"	"	"				
19265	"	♂	"	"	"	"				
19266	"	♂	"	"	"	C. W. Denton				
19267	"	♂	"	"	"	"				
19268	"	♂	"	"	"	"				
19269	"	♂	"	"	"	William Brewster	C. W. Denton			
19270	"	♂	"	"	"	C. W. Denton	William Brewster			
19271	"	♂	"	"	"	William Brewster	"			
19272	"	♂	"	"	"	"	C. W. Denton			
19273	"	♂	"	15	"	William Brewster	"			
19274	"	♂	"	"	"	"	"			
19275	"	♂	"	"	"	"	"			
19276	"	♂	"	"	"	C. W. Denton	"			
19277	"	♂	"	Oct. 30	"	William Brewster	"			
19278	"	♀	"	"	"	"	"			
19279	"	♀	"	"	"	"	"			
19280	"	♀	"	"	"	"	"			
19281	"	♀	"	"	"	"	"			
19282	"	♀	"	"	"	"	"			
19283	"	♀	"	"	"	C. W. Denton	"			
19284	"	♀	"	"	"	"	"			
19285	"	♀	"	"	"	William Brewster	"			
19286	"	♀	"	"	"	"	"			
19287	"	♀	"	"	"	C. W. Denton	"			
19288	"	♀	"	"	"	"	"			
19289	"	♀	"	Nov. 8	"	"	"			
19290	"	♀	"	"	"	"	"			
19291	"	♀	"	"	"	"	"			
19292	"	♀	"	"	"	"	"			
19293	"	♀	"	"	"	"	"			
19294	"	♀	"	"	"	C. W. Denton	William Brewster			
19295	"	♀	"	"	"	"	"			
19296	"	♀	"	"	"	"	"			
19297	"	♀	"	"	"	"	"			
19298	"	♀	"	"	"	William Brewster	"			
19299	"	♀	"	15	"	"	"			

CONTINUED BY  
W. BAHRMANN

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Catalogued by *A. L. S. Sanford*

Catalogue Original number	Name	Sex and Age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
19310	<i>Alcedo alpestris</i>	♀	Spencer Mass	Nov. 13, 1888	William Brewster	William Brewster				
19311	"	♀	"	"	"	"				
19312	"	♀	"	"	"	"				
19313	<i>Dryobates villosus</i>	♀?	East Lexington	" 6 "	"	"				
19314	<i>Eumelas pusillus</i>	♀	Spencer	" 8 "	"	"				
19315	<i>Bonasa umbellus</i>	♂	Willsley	" 2 "	William Brewster	William Brewster				Large filled with seeds of <i>Lychnis Swamp plants</i>
19316	"	♂	"	"	"	"				" empty. " acorns of <i>ilicifolia</i> .
19317	"	♂	"	"	"	"				
19318	"	♂	Grantville	" 13 "	"	"				
19319	"	♂	"	"	"	"				
19320	"	♂	"	"	"	"				
19321	"	♂	"	"	"	"				
19322	"	♂	"	"	"	"				
19323	"	♂	"	"	"	"				
19324	"	♂	"	"	"	"				
19325	"	♂	"	"	"	"				
19326	"	♂	"	"	"	"				
19327	"	♂	"	"	"	"				
19328	"	♂	"	"	"	"				
19329	"	♂	"	"	"	"				
19330	"	♂	"	"	"	"				
19331	"	♂	"	"	"	"				
19332	"	♂	"	"	"	"				
19333	"	♂	"	"	"	"				
19334	"	♂	"	"	"	"				
19335	"	♂	"	"	"	"				
19336	"	♂	"	"	"	"				
19337	"	♂	"	"	"	"				
19338	"	♂	"	"	"	"				
19339	"	♂	"	"	"	"				
19340	"	♂	"	"	"	"				
19341	"	♂	"	"	"	"				
19342	"	♂	"	"	"	"				
19343	"	♂	"	"	"	"				
19344	"	♂	"	"	"	"				
19345	"	♂	"	"	"	"				
19346	"	♂	"	"	"	"				
19347	"	♂	"	"	"	"				
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19349	"	♂	"	"	"	"				
19350	"	♂	"	"	"	"				
19351	"	♂	"	"	"	"				
19352	"	♂	"	"	"	"				
19353	"	♂	"	"	"	"				
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19355	"	♂	"	"	"	"				
19356	"	♂	"	"	"	"				
19357	"	♂	"	"	"	"				
19358	"	♂	"	"	"	"				
19359	"	♂	"	"	"	"				
19360	"	♂	"	"	"	"				
19361	"	♂	"	"	"	"				
19362	"	♂	"	"	"	"				
19363	"	♂	"	"	"	"				
19364	"	♂	"	"	"	"				
19365	"	♂	"	"	"	"				
19366	"	♂	"	"	"	"				
19367	"	♂	"	"	"	"				
19368	"	♂	"	"	"	"				
19369	"	♂	"	"	"	"				
19370	"	♂	"	"	"	"				
19371	"	♂	"	"	"	"				
19372	"	♂	"	"	"	"				
19373	"	♂	"	"	"	"				
19374	"	♂	"	"	"	"				
19375	"	♂	"	"	"	"				
19376	"	♂	"	"	"	"				
19377	"	♂	"	"	"	"				
19378	"	♂	"	"	"	"				
19379	"	♂	"	"	"	"				
19380	"	♂	"	"	"	"				
19381	"	♂	"	"	"	"				
19382	"	♂	"	"	"	"				
19383	"	♂	"	"	"	"				
19384	"	♂	"	"	"	"				
19385	"	♂	"	"	"	"				
19386	"	♂	"	"	"	"				
19387	"	♂	"	"	"	"				
19388	"	♂	"	"	"	"				
19389	"	♂	"	"	"	"				
19390	"	♂	"	"	"	"				
19391	"	♂	"	"	"	"				
19392	"	♂	"	"	"	"				
19393	"	♂	"	"	"	"				
19394	"	♂	"	"	"	"				
19395	"	♂	"	"	"	"				
19396	"	♂	"	"	"	"				
19397	"	♂	"	"	"	"				
19398	"	♂	"	"	"	"				
19399	"	♂	"	"	"	"				
19400	"	♂	"	"	"	"				
19401	"	♂	"	"	"	"				
19402	"	♂	"	"	"	"				
19403	"	♂	"	"	"	"				
19404	"	♂	"	"	"	"				
19405	"	♂	"	"	"	"				
19406	"	♂	"	"	"	"				
19407	"	♂	"	"	"	"				
19408	"	♂	"	"	"	"				
19409	"	♂	"	"	"	"				
19410	"	♂	"	"	"	"				
19411	"	♂	"	"	"	"				
19412	"	♂	"	"	"	"				
19413	"	♂	"	"	"	"				
19414	"	♂	"	"	"	"				
19415	"	♂	"	"	"	"				
19416	"	♂	"	"	"	"				
19417	"	♂	"	"	"	"				
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19431	"	♂	"	"	"	"				
19432	"	♂	"	"	"	"				
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19434	"	♂	"	"	"	"				
19435	"	♂	"	"	"	"				
19436	"	♂	"	"	"	"				
19437	"	♂	"	"	"	"				
19438	"	♂	"	"	"	"				
19439	"	♂	"	"	"	"				
19440	"	♂	"	"	"	"				
19441	"	♂	"	"	"	"				
19442	"	♂	"	"	"	"				
19443	"	♂	"	"	"	"				
19444	"	♂	"	"	"	"				
19445	"	♂	"	"	"	"				
19446	"	♂	"	"	"	"				
19447	"	♂	"	"	"	"				
19448	"	♂	"	"	"	"				
19449	"	♂	"	"	"	"				
19450	"	♂	"	"	"	"				
19451	"	♂	"	"	"	"				
19452	"	♂	"	"	"	"				
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19454	"	♂	"	"	"	"				
19455	"	♂	"	"	"	"				
19456	"	♂	"	"	"	"				
19457	"	♂	"	"	"	"				
19458	"	♂	"	"	"	"				
19459	"	♂	"	"	"	"				
19460	"	♂	"	"	"	"				
19461	"	♂	"	"	"	"				
19462	"	♂	"	"	"	"				
19463	"	♂	"	"	"	"				
19464	"	♂	"	"	"	"				
19465	"	♂	"	"	"	"				
19466	"	♂	"	"	"	"				
19467	"	♂	"	"	"	"				
19468	"	♂	"	"	"	"				
19469	"	♂	"	"	"	"				
19470	"	♂	"	"	"	"				
19471	"	♂	"	"	"	"				
19472	"	♂	"	"	"	"				
19473	"	♂	"	"	"	"				
19474	"	♂	"	"	"	"				
19475	"	♂	"	"	"	"				
19476	"	♂	"	"	"	"				
19477	"	♂	"	"	"	"				
19478	"	♂	"	"	"	"				
19479	"	♂	"	"	"	"				
19480	"	♂	"	"	"	"				
19481	"	♂	"	"	"	"				
19482	"	♂	"	"	"	"				
19483	"	♂	"	"	"	"				
19484	"	♂	"	"	"	"				
19485	"	♂	"	"	"	"				
19486	"	♂	"	"	"	"				
19487	"	♂	"	"	"	"				
19488	"	♂	"	"	"	"				
19489	"	♂	"	"	"	"				
19490	"	♂	"	"	"	"				
19491	"	♂	"	"	"	"				
19492	"	♂	"	"	"	"				
19493	"	♂	"	"	"	"				
19494	"	♂	"	"	"	"				
19495	"	♂	"	"	"	"				
19496	"	♂	"	"	"	"				
19497	"	♂	"	"	"	"				
19498	"	♂	"	"	"	"				

Catalogue Original number	Original number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
19331	314	<i>Melospiza fus. humilis</i>	♂ juv.	Fort Klamath, Oregon	July 21, 1888	S. Parker	S. Parker	S. Parker	1888	Purchase	Length 6.25. Bill black. legs brown. eyes brown.
19331	332	<i>Spizella breweri</i>	♀ juv.	" "	Aug. 3	"	"	"	"	"	6. Bill brown above pale beneath. legs bluish. iris brown.
19332	69	<i>Empidonax pusillus</i>	♂	" "	July 21	"	"	"	"	"	Length 4.76. Eyes brown. legs flesh color.
19333	312	<i>Empidonax richardsonii</i>	♂	" "	" "	"	"	"	"	"	" 5.65. Bill black above. light beneath. legs black. eyes brown.
19334	315	<i>Empidonax borealis</i>	♂	" "	" "	"	"	"	"	"	" 6. " " " yellowish " " " " "
19335	321	"	♂	" "	Aug. 3	"	"	"	"	"	" 7. " " " " " " " " "
19336	333	"	♂	" "	" "	"	"	"	"	"	" 7.05 " " " " " " " " "
19337	346	"	♂	" "	" 6	"	"	"	"	"	" 5.90 " " " " " " " plumbeous " "
19338	336	"	♀	" "	" 1	"	"	"	"	"	" 7. " " " " " " " black " "
19339	338	<i>Chordeiles v. hemmigi</i>	♀	" "	" 4	"	"	"	"	"	" 9.70 " " legs palest brown. Iris brown.
19340	341	"	♀	" "	" "	"	"	"	"	"	" 9.77 " " " " " " " " "
19341	317	"	♀	" "	July 22	"	"	"	"	"	" 9.71 " " " flesh color. " eyes brown.
19342	318	"	♀	" "	" "	"	"	"	"	"	" 9.77 " " " " " " " " "
19343		<i>Tamus rufescens</i>	♂	Phillipsburg, Br. Columbia	Jan. 11	A.C. Brookes	A.C. Brookes	A.C. Brookes	"	Exchange	Length 4.5
19344		<i>Cistothorus pal. paludicola</i>	♂	" "	Oct. 1, 1887	"	"	"	"	"	" 4.55 "
19345		<i>Tachycineta thalassina</i>	♂ juv.	" "	Jan. 8, 1888	"	"	"	"	"	" 4.31 "
19346		<i>Amphisp. garrulus</i>	♂	" "	Jan. 31	"	"	"	"	"	" 7.1 "
19347		<i>Archibuteo rufus</i>	♂	" "	" "	"	"	"	"	"	" "
19348		"	♂ juv.	" "	" "	"	"	"	"	"	" "
19349		<i>Lophoceros cap.</i>	♂	" "	Aug. 2	"	"	"	"	"	" 6.6 "
19370		<i>Otocoris albus leucolaima</i>	♂ ad.	" "	Oct. 20	"	"	"	"	"	" 7.11 "
19371		"	♀	" "	" "	"	"	"	"	"	" 6.71 "
19372		<i>Tyrus "sauri"</i>	♂	" "	Aug. 7	"	"	"	"	"	" 6. "
19373		<i>Crucialis pusillus</i>	♂	Phillipsburg	Aug. 5, 1887	"	"	"	"	"	" 5.2 "
19374		<i>Crucialis occidentalis</i>	♂	" "	" 10, 1887	"	"	"	"	"	" 5.90 "
19375		"	♀	" "	" 13, 1888	"	"	"	"	"	" 6.66 "
19376		<i>Tyrus c. "sauri"</i>	♂ ad.	Phillipsburg	Aug. 4	"	"	"	"	"	Length 11. 5.66. Bill black. legs brown. eyes pale. Iris yellow.
19377		<i>Chordeiles v. hemmigi</i>	♂	Big Timber, Montana	Aug. 10	Dr. Merrill	Dr. Merrill	Dr. Merrill	"	Gift	"
19378		"	♀	" "	" 4	"	"	"	"	"	"
19379		"	♀	" "	" 10	"	"	"	"	"	"
19380		"	♂	" "	" 4	"	"	"	"	"	"
19381		<i>Cephalopus piliatus</i>	[♂]	Wilmington, Mass.	Nov. 25, 1887	C. C. Bulger	C. H. Webster	C. H. Webster	1887	Purchase	"
19382		<i>Sitta carolinensis</i>	♀	Union, Conn. Samuel B. Smith	Mar. 11, 1886	"	"	"	"	"	"
19383		<i>Circus hudsonicus</i>	♂	Concord, Mass.	Oct. 6	William Brewster	H. A. Hager	"	"	"	"
19384		<i>Syrnium int. alleni</i>	♀	Giddings, La. Co. Texas	Mar. 16	J. C. Singler	J. C. Singler	J. C. Singler	"	Gift	Young bird in crop. Iris 2. 3
19385		<i>Empidonax canadensis</i>	♂	Kauai, Hawaii	Aug. 24	M. A. Fraser	M. A. Fraser	J. B. Webster	"	Purchase	"
19386		<i>Synanthus cupido</i>	♂	Matthias, Maryland	Dec. 29	"	C. E. Hoyle	C. E. Hoyle	"	"	"
19387		<i>Geothlypis trichas</i>	♀	Lake Washington, Florida	Apr. 15	Sapinawan	C. J. Hayward	C. J. Hayward	"	"	"
19388		<i>Synanthus semipalmata</i>	♀	Monroe, La.	Apr. 4, 1888	J. C. Calhoun	J. C. Calhoun	J. B. Webster	1888	"	"
19389		<i>Myiarchus cinerascens</i>	♀	Wilmington, Mass.	April 3, 1887	C. C. Bulger	C. C. Bulger	C. C. Bulger	1887	"	"
19390		<i>Myiarchus cinerascens</i>	♂ ad.	Western U. S.	Jan. 1883	"	H. H. Savary	H. H. Savary	"	Exchange	"
19391		<i>Myiarchus cinerascens</i>	♂ juv.	Sturtevant, Mass.	Dec. 1882	"	"	"	"	"	"
19392		<i>Myiarchus cinerascens</i>	♂ ad.	" "	Jan. 1883	"	"	"	"	"	"
19393		<i>Myiarchus cinerascens</i>	♀	Sturtevant, Mass.	Dec. 1882	"	"	"	"	"	"
19394		<i>Myiarchus cinerascens</i>	♂ ad.	" "	Jan. 1883	"	"	"	"	"	"
19395		<i>Myiarchus cinerascens</i>	♂ ad.	" "	Mar. 1883	"	"	"	"	"	"
19396		<i>Myiarchus cinerascens</i>	♂ ad.	" "	" "	"	"	"	"	"	"
19397		<i>Myiarchus cinerascens</i>	♂ ad.	" "	" "	"	"	"	"	"	"
19398		<i>Myiarchus cinerascens</i>	♂ ad.	" "	" "	"	"	"	"	"	"
19399	639	<i>Myiarchus cinerascens</i>	♂	Fort Klamath, Oregon	May 11, 1887	Dr. J. C. Merrill	Dr. J. C. Merrill	Dr. J. C. Merrill	1887	"	Length 7.05. Base of mandible yellowish.

Catalogue Original  
number number.

Name

Sex and  
Age.

Locality

Date

of capture.

Taken by

Skinned by

Received from

When received

Lg.

Remarks.

19400	638	<i>Hardus nanus</i>	♂	St. Klammath	Oregon	May 11, 1887	Dr. J. L. Merrill	Dr. J. L. Merrill	Dr. J. L. Merrill	1887	L. 6.95	Base of mandible tinged with yellow.
19401	637	"	♂	"	"	"	"	"	"	"	"	"
19402	624	"	♀	"	"	April 27	"	"	"	"	"	"
19403	593	<i>Hesperocichla naevia</i>	♀	"	"	" 13	"	"	"	"	"	L. 6.53. Bill blackish, basal half yellowish, iris brown, tarsi & feet light brown.
19404	506	<i>Chondestes mexicanus</i>	♂	"	"	Oct. 5, 1886	"	"	"	"	"	" 2.57 " dark brown color, basal half yellowish, iris brown.
19405	628	<i>Myiadestes townsendi</i>	♂	"	"	May 3, 1887	"	"	"	"	"	" 6.90. Iris brown, legs flesh color, feet slaty, base of lower mandible yellow, edge of upper mandible yellow at base.
19406	577	<i>Regulus calendula</i>	♂	"	"	March 21	"	"	"	"	"	" 8.50 " " Bill black, legs and feet blackish.
19407	574	" <i>sat. olivaceus</i>	♂	"	"	" 18	"	"	"	"	"	" 3.90 " dark brown
19408	563	<i>Parus gambeli</i>	♂	"	"	" 10	"	"	"	"	"	" 5.10 " Tarsi diseased.
19409	562	"	♂	"	"	" 5	"	"	"	"	"	" 5.30
19410	567	"	♂	"	"	" 17	"	"	"	"	"	" 5.10
19411	559	"	♂	"	"	" 7	"	"	"	"	"	" 5.20
19412	568	"	♂	"	"	" 14	"	"	"	"	"	" 5.13
19413	546	"	♂	"	"	April 14	"	"	"	"	"	" 5.35
19414	603	"	♂	"	"	" 21	"	"	"	"	"	" 5.15
19415	534	"	♀	"	"	Mar. 7	"	"	"	"	"	" 5.00 " Iris dark, base of mandible dark bluish slate, iris brown, Bill bluish black.
19416	581	"	♀	"	"	"	"	"	"	"	"	" 5.00
19417	582	"	♀	"	"	"	"	"	"	"	"	" 4.85
19418	535	<i>Sitta pygmaea</i>	♀	"	"	"	"	"	"	"	"	" 4.15 " Iris dark brown
19419	538	<i>Corvus f. occidentalis</i>	♂	"	"	Jan. 23	"	"	"	"	"	" 5.30 " " Iris dark brown, Bill dark greenish blue, but does not reach at base of mandible.
19420	541	"	♂	"	"	"	"	"	"	"	"	" 5.13
19421	533	"	♂	"	"	" 12	"	"	"	"	"	" 5.10
19422	518	"	♂	"	"	Dec. 20, 1886	"	"	"	"	"	" 5.30
19423	513	"	♂	"	"	" 13	"	"	"	"	"	" 5.33
19424	550	"	♂	"	"	Mar. 7, 1887	"	"	"	"	"	" 5.15
19425	672	"	♂	"	"	Jan. 6	"	"	"	"	"	" 5.26
19426	532	"	♂	"	"	Jan. 6	"	"	"	"	"	" 5.40
19427	585	"	♂	"	"	" 14	"	"	"	"	"	" 5.25
19428	530	"	♂	"	"	" 6	"	"	"	"	"	" 5.20
19429	531	"	♂	"	"	"	"	"	"	"	"	" 5.61
19430	525	"	♂	"	"	" 3	"	"	"	"	"	" 5.10
19431	674	"	♀	"	"	" 10	"	"	"	"	"	" 4.31
19432	534	"	♀	"	"	" 14	"	"	"	"	"	" 4.73
19433	534	"	♀	"	"	" 23	"	"	"	"	"	" 4.23
19434	540	"	♀	"	"	"	"	"	"	"	"	" 4.46
19435	520	"	"	"	"	"	"	"	"	"	"	" 5.30
19436	560	"	♂	"	"	Dec. 26, 1886	"	"	"	"	"	" 5.03
19437	657	<i>Empidonax</i> <i>ae. pacificus</i>	♀	"	"	Aug. 8, 1887	"	"	"	"	"	" 5.07
19438	524	"	♂	"	"	May 12	"	"	"	"	"	" 4.00
19439	679	<i>Geothlypis</i> <i>p. paludicola</i>	♂	"	"	Oct. 11, 1886	"	"	"	"	"	" 5.15
19440	675	<i>Act. anthracinus</i> <i>p. gutturalis</i>	♂	"	"	Jan. 15, 1887	"	"	"	"	"	" 4.80
19441	692	"	♂	"	"	" 10	"	"	"	"	"	" 4.70
19442	765	"	♂	"	"	" 25	"	"	"	"	"	" 4.80
19443	635	" <i>c. lutescens</i>	♂	"	"	July 11	"	"	"	"	"	" 4.80
19444	594	<i>Dendroica auduboni</i>	♂	"	"	May 11	"	"	"	"	"	" 4.80
19445	598	"	♂	"	"	July 18	"	"	"	"	"	" 5.28
19446	599	"	♂	"	"	" 13	"	"	"	"	"	" 5.80
19447	640	"	♂	"	"	"	"	"	"	"	"	" 5.30
19448	645	"	♂	"	"	May 11	"	"	"	"	"	" 5.75
19449	641	"	♂	"	"	" 14	"	"	"	"	"	" 5.33
		<i>townsendi</i>				" 12	"	"	"	"	"	" 5.33
		<i>occidentalis</i>				"	"	"	"	"	"	" 5.33

[illegible]









Catalogued by J. W. Dutton

Catalogue-Original number number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
19630	<i>Dendroica caerulea</i>	♂	Buncomb Co. N. Carolina	June 24. 1887	J. S. Cairns	J. S. Cairns	J. S. Cairns	1888	Gift.	Black Mt.
19651	" <i>maculosa</i>	♂	" " "	Sep. 26. 1886	" " "	" " "	" " "	"	"	Heaverville.
19652	" <i>pennsylvanica</i>	♂	" " "	" " 1888	" " "	" " "	" " "	"	"	DISCARDED
19653	" <i>blackburnia</i>	♂	" " "	June 10. 1886	" " "	" " "	" " "	"	"	Top of Craggy Mt.
19654	" "	♀	" " "	" " "	" " "	" " "	" " "	"	"	Near Heaverville on a high pine tree near the top.
19655	" "	♂	" " "	Sep. 26. 1886	" " "	" " "	" " "	"	"	Heaverville.
19656	" <i>albilora</i>	♂	" " "	June 5. 1886	" " "	" " "	" " "	"	"	Heaverville.
19657	" "	♂	" " "	" 13 "	" " "	" " "	" " "	"	"	Heaverville.
19658	" <i>rigorsii</i>	♂	" " "	Mar. 26. "	" " "	" " "	" " "	"	"	Heaverville.
19659	" "	♀	" " "	July 3. 1886	" " "	" " "	" " "	"	"	Heaverville.
19660	" "	♀	" " "	Mar. 26. 1886	" " "	" " "	" " "	"	"	Heaverville.
19661	" <i>palmarum</i>	♀	" " "	Sep. " 1886	" " "	" " "	" " "	"	"	Heaverville.
19662	<i>Scierus noveboracensis</i>	♂	" " "	Aug. 1. 1886	" " "	" " "	" " "	"	"	"
19663	" <i>molacilla</i>	♂	" " "	July 1. 1887	" " "	" " "	" " "	"	"	"
19664	" "	♂	" " "	Apr. 8. 1886	" " "	" " "	" " "	"	"	"
19665	" "	♀	" " "	June 30. 1887	" " "	" " "	" " "	"	"	Seaward, Asheville, head of tin core
19666	<i>Geothlypis formosa</i>	♂	" " "	July 8. "	" " "	" " "	" " "	"	"	Heaverville.
19667	" <i>trichas</i>	♂	" " "	Aug. 2. 1886	" " "	" " "	" " "	"	"	Black Mt. Heaverville.
19668	<i>Icteria virens</i>	♀	" " "	Aug. 31. "	" " "	" " "	" " "	"	"	Heaverville.
19669	<i>Sylvania pusilla</i>	♂	" " "	Sep. 25. 1888	" " "	" " "	" " "	"	"	"
19670	<i>Perco olivaceus</i>	♂	" " "	Aug. 27. 1887	" " "	" " "	" " "	"	"	"
19671	" "	♂	" " "	June 6. 1886	" " "	" " "	" " "	"	"	Heaverville.
19672	" "	♀	" " "	" 1. 1887	" " "	" " "	" " "	"	"	"
19673	" "	♂	" " "	May 1. 1886	" " "	" " "	" " "	"	"	"
19674	" "	♂	" " "	Apr. 30. "	" " "	" " "	" " "	"	"	Black Mt. Asheville.
19675	" "	♀	" " "	Aug. 31. 1885	" " "	" " "	" " "	"	"	Heaverville.
19676	" <i>pidyptis</i>	♀	" " "	Apr. 11. 1886	" " "	" " "	" " "	"	"	" Sex unknown.
19677	" <i>flavifrons</i>	♀	" " "	June 31. 1886	" " "	" " "	" " "	"	"	"
19678	" "	♀	" " "	Apr. 10. 1886	" " "	" " "	" " "	"	"	Heaverville.
19679	" "	♀	" " "	July 1. 1885	" " "	" " "	" " "	"	"	"
19680	" <i>s. alticola</i>	♂	" " "	Apr. 8. 1886	" " "	" " "	" " "	"	"	Heaverville.
19681	" "	♂	" " "	Mar. 24. "	" " "	" " "	" " "	"	"	Heaverville.
19682	" "	♂	" " "	May 1. 1887	" " "	" " "	" " "	"	"	Heaverville.
19683	" "	♂	" " "	July 7. "	" " "	" " "	" " "	"	"	Heaverville.
19684	" "	♂	" " "	June 1. "	" " "	" " "	" " "	"	"	Heaverville.
19685	" "	♀	" " "	May 27. "	" " "	" " "	" " "	"	"	Heaverville.
19686	<i>Lanius ludovicianus</i>	♂	" " "	Apr. 5. "	" " "	" " "	" " "	"	"	Heaverville.
19687	<i>Paranga rubra</i>	♂	" " "	Apr. 15. 1886	" " "	" " "	" " "	"	"	Heaverville.
19688	" <i>erythronelas</i>	"	" " "	Sep. " "	" " "	" " "	" " "	"	"	Heaverville.
19689	" "	♂	" " "	" 14 "	" " "	" " "	" " "	"	"	Heaverville.
19690	<i>Carpodacus purpureus</i>	♀	" " "	April 10. "	" " "	" " "	" " "	"	"	Heaverville.
19691	" "	♀	" " "	Feb. 15. 1888	" " "	" " "	" " "	"	"	Heaverville.
19692	<i>Corvus corax minor</i>	♂	" " "	Dec. 15. 1887	" " "	" " "	" " "	"	"	Heaverville.
19693	" "	♂	" " "	Feb. 1. "	" " "	" " "	" " "	"	"	Heaverville.
19694	<i>Spinus " tristis</i>	♂	" " "	July 10. 1886	" " "	" " "	" " "	"	"	Heaverville.
19695	" "	♂	" " "	Feb. 7. 1888	" " "	" " "	" " "	"	"	Heaverville.
19696	" "	♂	" " "	" " "	" " "	" " "	" " "	"	"	Heaverville.
19697	" <i>pinus</i>	♀	" " "	Jan. 9. 1886	" " "	" " "	" " "	"	"	Heaverville.
19698	<i>Procastis gramineus</i>	♂	" " "	Feb. 12. 1888	" " "	" " "	" " "	"	"	Heaverville.
19699	" "	♀	" " "	" 21. 1886	" " "	" " "	" " "	"	"	Heaverville.

Catalogue-Original number number	Name	Sex and Age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
19700	<i>Zonotrichia albicollis</i>	♂	Buncomb. Co. N. Carolina	June 12. 1887	J. S. Guirns	J. S. Guirns	J. S. Guirns	1888	Left	Heaverville
19701	"	♀	"	Dec. 10. 1886	"	"	"	"	"	"
19702	"	♀	"	Jan. 31. 1888	"	"	"	"	"	Reems Creek L. 682 G. 925 W. 300 Iris hazel feet light.
19703	<i>Puccinia aus. lachmanii</i>	♂	"	Apr. 30. 1887	"	"	"	"	"	Heaverville.
19704	<i>Melospiza fasciata</i>	♂	"	Feb. 10. 1888	"	"	"	"	"	L. 601 G. 575 W. 250 Iris brown.
19705	<i>Passerella iliaca</i>	♂	"	Mar. 7. 1887	"	"	"	"	"	Heaverville.
19706	<i>Pipilo erythrophthalmus</i>	♂	"	" 20. 1886	"	"	"	"	"	Reems Creek
19707	"	♀	"	Feb. 13 "	"	"	"	"	"	Heaverville.
19708	<i>Cardinalis cardinalis</i>	♂	"	" 14 "	"	"	"	"	"	"
19709	"	♀	"	" 26 "	"	"	"	"	"	"
19710	"	♀	"	Jan. 23. "	"	"	"	"	"	"
19711	<i>Habia ludoviciana</i>	♂	"	June 19. "	"	"	"	"	"	Swannanoa River near Long's m. east of Asheville.
19712	"	♀	"	Sept. 18 "	"	"	"	"	"	Heaverville.
19713	<i>Passerina cyanea</i>	♂	"	" 13 "	"	"	"	"	"	"
19714	<i>Molothrus ater</i>	♂	"	Apr. 4. 1886	"	"	"	"	"	"
19715	"	♀	"	Mar. 20. 1886	"	"	"	"	"	Reems Creek.
19716	<i>Spelaeus phoeniceus</i>	♂	"	" 18. 1887	"	"	"	"	"	Heaverville.
19717	"	♀	"	" 26. 1886	"	"	"	"	"	Iris hazel.
19718	<i>Sturnella magna</i>	♂	"	Apr. 3. 1887	"	"	"	"	"	Heaverville.
19719	"	♂	"	Feb. 27. 1886	"	"	"	"	"	"
19720	<i>Icterus galbula</i>	♂	"	May 14. 1887	"	"	"	"	"	"
19721	"	♀	"	" 7 "	"	"	"	"	"	"
19722	<i>Colaptes auratus</i>	♂	"	Mar. 20. 1886	"	"	"	"	"	Iris straw yellow.
19723	<i>Ammodramus g. aureus</i>	♂	"	" 18. 1887	"	"	"	"	"	Heaverville.
19724	<i>Cyanocitta stelleri</i>	♂	"	" 31 "	"	"	"	"	"	"
19725	<i>Cyanocitta cristata</i>	♂	"	Feb. 26 "	"	"	"	"	"	"
19726	"	♀	"	" "	"	"	"	"	"	"
19727	<i>Otocoris alpestris</i>	♂	"	Dec. 7. 1886	"	"	"	"	"	"
19728	"	♀	"	" "	"	"	"	"	"	"
19729	<i>Tyrannus tyrannus</i>	♂	"	Aug. 22. "	"	"	"	"	"	"
19730	<i>Chondestes pelagicus</i>	♂	"	July 15. "	"	"	"	"	"	"
19731	<i>Chondestes virginianus</i>	♂	"	Aug. 1. "	"	"	"	"	"	Exhib. to " St. George's m. 1890
19732	"	♀	"	July 31. "	"	"	"	"	"	"
19733	<i>Oryzopsis villosus</i>	♀	"	Jan. 10. "	"	"	"	"	"	"
19734	<i>Oryzopsis pubescens</i>	♀	"	Mar. 8. 1885	"	"	"	"	"	"
19735	<i>Sphyrapicus varius</i>	♂	"	" 14. 1886	"	"	"	"	"	Elk Mountain near Asheville. Reported
19736	"	♂	"	Feb. 12. 1887	"	"	"	"	"	Heaverville.
19737	"	♀	"	" "	"	"	"	"	"	"
19738	"	♀	"	" 21. 1886	"	"	"	"	"	"
19739	<i>Melanerpes carolinus</i>	♀	"	" 7. 1886	"	"	"	"	"	L. 912 G. 15.50 W. 370 L. 300 B. 100. Iris rich red feet blackish.
19740	<i>Melanerpes erythrocephalus</i>	♂	"	Apr. 23. 1887	"	"	"	"	"	Alexanders.
19741	"	♂	"	Feb. 20. 1886	"	"	"	"	"	Heaverville.
19742	<i>Colaptes auratus</i>	♂	"	Mar. 1. 1887	"	"	"	"	"	"
19743	<i>Ceryle alcyon</i>	♀	"	Apr. 10. 1886	"	"	"	"	"	Near Alexanders.
19744	<i>Syrnium nebulosum</i>	♂	"	" 7. 1887	"	"	"	"	"	Heaverville.
19745	"	♀	"	Mar. 10. 1886	"	"	"	"	"	Swannanoa River near Long's m. east of Asheville.
19746	<i>Megecops asio</i>	♂	"	May 24. 1887	"	"	"	"	"	Heaverville.
19747	"	♂	"	Dec. 1. "	"	"	"	"	"	"
19748	"	♂	"	Jan. 17. 1885	"	"	"	"	"	Found frozen in the snow one wing gone.
19749	"	♀	"	Mar. 25. 1887	"	"	"	"	"	Asheville.

Catalogue-Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By.	Remarks.
19750	<i>Agascyps asio</i>	♀ juv.	Monmouth Co. N. Carolina	May 24. 1887	J. S. Cairns	J. S. Cairns	J. S. Cairns	1888	Gift.	Macon, Ga.
19751	" "	♀ juv.	" " "	" " " "	" " "	" " "	" " "	"	"	"
19752	" "	juv.	" " "	" 30 " "	" " "	" " "	" " "	"	"	"
19753	<i>Bubo virginianus</i>	♂	" " "	Jan. 19. 1888	" " "	" " "	" " "	"	"	Shot back. Brought to me. Had been hiding Chestnut & was caught in traps.
19754	" "	♂	" " "	July 16. 1886	" " "	" " "	" " "	"	"	Caught in trap near Asheville.
19755	" "	♀	" " "	Mar. 28. 1888	" " "	" " "	" " "	"	"	Heaver ville.
19756	<i>Sturnus americanus</i>	♂	" " "	" 12. 1886	" " "	" " "	" " "	"	"	"
19757	<i>Accipiter cooperi</i>	♂	" " "	" 18. 1888	" " "	" " "	" " "	"	"	"
19758	" <i>velox</i>	♀	" " "	Oct. 29. 1886	" " "	" " "	" " "	"	"	"
19759	<i>Buteo borealis</i>	♂	" " "	Mar. 18. 1887	" " "	" " "	" " "	"	"	"
19760	" <i>lineatus</i>	♂	" " "	" 20. 1888	" " "	" " "	" " "	"	"	"
19761	" "	♂	" " "	Jan. 18. 1888	" " "	" " "	" " "	"	"	Alexanders
19762	" <i>latissimus</i>	♂	" " "	Sept. 20. 1886	" " "	" " "	" " "	"	"	Brought to me by J. H. J. after many traps & traps. I saw 12 and a couple had been killed by a short. Stomach contained one small snake 1 ft. long.
19763	" "	♀	" " "	Apr. 26. 1887	" " "	" " "	" " "	"	"	Heaver ville.
19764	" "	♀	" " "	May 2. 1886	" " "	" " "	" " "	"	"	" Bird etc. flushed from nest
19765	<i>Junco macroura</i>	♂	" " "	Apr. 13. " "	" " "	" " "	" " "	"	"	"
19766	<i>Bonasa umbellus</i>	♂	" " "	Oct. 28. " "	" " "	" " "	" " "	"	"	"
19767	<i>Colinus virginianus</i>	♂	" " "	July 21. " "	" " "	" " "	" " "	"	"	"
19768	" "	♂	" " "	June 12. " "	" " "	" " "	" " "	"	"	"
19769	" "	♀	" " "	Jan. 9. " "	" " "	" " "	" " "	"	"	"
19770	<i>Botaurus lentiginosus</i>	♂	" " "	Apr. 28. 1887	" " "	" " "	" " "	"	"	exch. to Hachisura
19771	" "	♀	" " "	July 18. " "	" " "	" " "	" " "	"	"	Taken in French Broad River near Asheville.
19772	<i>Aegialitis vocifer</i>	♂	" " "	Apr. 29. 1886	" " "	" " "	" " "	"	"	Heaver ville
19773	" "	♀	" " "	Mar. 26. 1888	" " "	" " "	" " "	"	"	"
19774	<i>Philohela minor</i>	♂	" " "	Nov. 3. " "	" " "	" " "	" " "	"	"	Rivers brook. Eyes large
19775	" "	♀	" " "	Apr. 18. 1886	" " "	" " "	" " "	"	"	Heaver ville.
19776	<i>Gallinago delicata</i>	♂	" " "	" 10. " "	" " "	" " "	" " "	"	"	"
19777	" "	♀	" " "	" 11. " "	" " "	" " "	" " "	"	"	"
19778	" "	♀	" " "	" 7. " "	" " "	" " "	" " "	"	"	"
19779	" "	♀	" " "	Mar. 21. 1888	" " "	" " "	" " "	"	"	"
19780	<i>Solanus flavipes</i>	♂	" " "	Apr. 5. 1887	" " "	" " "	" " "	"	"	"
19781	" <i>sticticus</i>	♀	" " "	" 16. " "	" " "	" " "	" " "	"	"	French Broad River. Alexanders.
19782	<i>Callis elegans</i>	♀	" " "	Aug 20. " "	" " "	" " "	" " "	"	"	Heaver ville.
19783	<i>Organa cirilina</i>	♂	" " "	Oct. 10. 1886	" " "	" " "	" " "	"	"	Dissected
19784	<i>Salica americana</i>	♂	" " "	Apr. 3. " "	" " "	" " "	" " "	"	"	French Broad River.
19785	" "	♀	" " "	" 16. 1887	" " "	" " "	" " "	"	"	" near Asheville.
19786	<i>Spas boschas.</i>	♂	" " "	Nov. 10. 1888	" " "	" " "	" " "	"	"	all dead
19787	<i>Eulus callarus.</i>	♀	" " "	Apr. 1. 1886	" " "	" " "	" " "	"	"	Flushed this duck early in the morning followed it.
19788	<i>Ardea glacialis.</i>	♂	" " "	Oct. 12. 1888	" " "	" " "	" " "	"	"	Heaver ville.
19789	<i>Sitta carolinensis</i>	♂	" " "	Oct. 16. 1886	" " "	" " "	" " "	"	"	Heaver ville.
19790	<i>Lophodytes cucullatus</i>	♂	" " "	Apr. 10. 1887	" " "	" " "	" " "	"	"	Heaver ville.
19791	<i>Agelaius curvatus</i>	♂	" " "	Dec. 7. 1886	" " "	" " "	" " "	"	"	"
19792	<i>Tringoides podiceps</i>	♀	" " "	Apr. 1. " "	" " "	" " "	" " "	"	"	found in the snow
19793 3440	<i>Helminthophila rubra</i>	♀	Brookville, Ind.	June 24. " "	James W. Bull	James W. Bull	" " "	"	"	48. 7.5. 18.
19794	<i>Syrnium nebulosum</i>	♀	Wilton Oxford Co. Maine	Oct. 30. 1887	J. L. Merrill	J. L. Merrill	James Bernier	1887	"	Record in no flesh.
19795	<i>Agrostis grandis.</i>	♀	Leicester Mass.	Oct. 17. 1887	William Brewster	William Brewster	" " "	"	"	Stomach contained Child Mice. etc. in 1887.
19796	<i>Circus hudsonicus.</i>	♀	" "	" "	" "	" "	" "	"	"	Reported
19797	" "	♀	" "	" "	" "	" "	" "	"	"	"
19798	<i>Accipiter cooperi</i>	♀	" "	" 13. " "	William Brewster	William Brewster	" " "	"	"	"
19799 565	" <i>atri. striatulus</i>	♂	Fort Klamath Oregon	Mar 11. " "	J. L. Merrill	J. L. Merrill	J. L. Merrill	"	"	iris crimson, tarsi & feet bright yellow cere and basal 1/2 of bill bluish slate turning half blackish.





Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
19850		<i>Lanius pensilvanicus</i>	♀	Sapelo Island, Georgia	Mar. 2, 1888	W. H. Worthington	W. H. Worthington	W. H. Worthington	1888	Purchase	
19851		"	♀	"	"	"	"	"	"	"	
19852		"	♀	"	"	"	"	"	"	"	
19853		"	♀	"	"	"	"	"	"	"	
19854		<i>Lanius ludovicianus</i>	♂	"	Nov. 29, 1887	"	"	"	"	"	
19855		"	♀	"	" 25 "	"	"	"	"	"	
19856		<i>Ammodramus henstropii</i>	♀	"	Jan. 31, 1888	"	"	"	"	"	
19857		<i>Peucaea aestivalis</i>	♂	"	Apr. 13 "	"	"	"	"	"	
19858		<i>Dryobates v. auduboni</i>	♂	"	Nov. 30, 1887	"	"	"	"	"	
19859		"	♀	"	Jan. 24, 1888	"	"	"	"	"	
19860		<i>Mimus longirostris</i>	♂	"	Dec. 2, 1887	"	"	"	"	"	
19861		<i>Spinus tristis</i>	♂	Great Island, Mass.	" 15, 1888	William Brewster	William Brewster	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19862		"	♂	"	"	"	"	"	"	"	
19863		<i>Otocoris alpestris</i>	♀	"	"	"	"	"	"	"	
19864		"	♂	"	"	"	"	"	"	"	
19865		"	♂	"	"	"	"	"	"	"	
19866		"	♂	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19867		"	♂	"	"	"	"	"	"	"	Do.
19868		"	♀	"	"	"	"	"	"	"	
19869		"	♀	"	"	"	"	"	"	"	
19870		"	♀	"	"	"	"	"	"	"	Exch. to Loring
19871		"	♀	"	"	"	"	"	"	"	
19872		"	♀	"	"	"	"	"	"	"	
19873		"	♀	"	"	"	"	"	"	"	
19874		" <i>praticola</i>	♂	"	"	"	"	"	"	"	
19875		" <i>praticola</i>	♂	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19876		<i>Sturnella magna</i>	♂	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19877		"	♀	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19878		<i>Agelaius vocifera</i>	♀	"	"	"	"	"	"	"	
19879		"	♂	"	"	"	"	"	"	"	
19880		"	♂	"	14 "	C. B. Long	"	"	"	"	
19881		"	♂	Nantucket	" 1 "	"	Clark	"	"	Purchase	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19882		"	♂	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19883		"	♀	"	3 "	A. W. Denton	A. P. Chadbourne	1888	"	Gift	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19884		"	♀	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19885		"	♀	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19886		"	♀	"	1 "	"	Clark	"	"	Purchase	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19887		"	♀	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19888		"	♀	Chatham	" 5 "	"	"	"	"	"	
19889		"	♀	"	"	"	"	"	"	"	
19890		"	♀	Essex	" 2 "	"	"	"	"	"	
19891		"	♀	"	"	"	"	"	"	"	
19892		"	♀	"	"	"	"	"	"	"	
19893		"	♀	"	"	"	"	"	"	"	
19894		"	♀	"	"	"	"	"	"	"	
19895		"	♀	"	"	"	"	"	"	"	
19896		"	♀	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.
19897		"	♀	"	"	"	"	"	"	"	
19898		<i>Molothrus ater</i>	♀	Bolton	" 8 "	W. H. Henshaw	William Brewster	W. H. Henshaw	1888	Gift	In the flesh from Wm. Henshaw. Exch. to L.C.
19899		"	♀	"	"	"	"	"	"	"	DOCK IN EXCH. TO BOST. SOC. NAT. HIST.



Catalogue Original number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
19950	398	<i>Ammodramus maritimus</i>	♂ ad	New Haven, Connecticut	June 7, 1876	H. J. Hayes	H. J. Hayes	H. J. Hayes	May 23, 1879	Exchange	"
19951	391	"	♀ ad	"	"	"	"	"	"	"	"6.25 x 5.25"
19952	394	"	♀ ad	"	"	"	"	"	"	"	"6.25 x 5.375"
19953	121	<i>Melospiza fasciata</i>	♂	"	Oct. 15, 1875	"	"	"	"	"	"7.50 x 5.50"
19954	92	"	♀	"	" 28 "	"	"	"	"	"	"5.375 x 5.125"
19955	277	<i>Icterus spurius</i>	♂ ad	"	May 22, 1876	"	"	"	"	"	"7.75 x 10.125"
19956	354	"	♂ juv	"	" 30, "	"	"	"	"	"	"7.75 x 10.50" GONE IN EXCH. TO FORD FOR THE MUSEUM
19957	512	<i>Buteo borealis</i>	♀ juv	"	Oct. 30, "	"	"	"	"	"	"24 x 50.50 Iris quite yellow"
19958	524	<i>Harelda glacialis</i>	♂ ad	Brantford	Nov. 16, "	"	"	"	"	"	"21.25 x 20.50"
19959	—	<i>Procyon carolinensis minor</i>	♂ ad	Lyons Falls, New York	March 10, 1880	"	"	"	"	"	"6.50 x 10.375"
19960	570	"	♂ juv	"	May 18, 1877	"	"	"	"	"	"6.25 x 10.25"
19961	669	"	♀ ad	"	Feb. 11, 1878	"	"	"	"	"	"6.50 x 10"
19962	790	<i>Picus villosus</i>	♂	"	" 26, 1879	"	"	"	"	"	"8.50 x 15.50"
19963	—	<i>Trochilus columbis</i>	[?] ad	"	May 22, "	"	"	"	"	"	"3.25 x 4.125" Exch. to Hachisuka
19964	605	<i>Falco sparverius</i>	♂ juv	"	Sept. 5, 1877	"	"	"	"	"	"10.75 x 12.75"
19965	618	<i>Bonasa umbellata togata</i>	♂ ad	"	Oct. 23, "	"	"	"	"	"	"18.75 x 24.50" (determined by Ridgway)
19966	447	<i>Melanerpes erythrocephalus</i>	♀ ad	Bowville	July 15, 1876	"	"	"	"	"	"9.375 x 17" Sent in exch. to Seifern
19967	448	"	♀ ad	"	"	"	"	"	"	"	"9.375 x 17.5"
19968	—	<i>Icterus spurius</i>	—	Rossville "S. I."	May 22, 1880	"	"	"	"	"	"7 x 2.00"
19969	787	<i>Perisoreus canadensis</i>	♂ ad	Big Otter Lake, New York	Dec. 10, 1878	"	"	"	"	"	"11.75 x 7.4"
19970	—	<i>Corvus corax principalis</i>	♀	Ontonagon, Michigan	Oct. 8, 1881	"	"	"	"	"	"23 1/2 x 46 1/2"
19971	—	<i>Phaethon leucostriatus</i>	♂ ad	Bermuda	May 8, 1881	G. Hart Merriam	G. Hart Merriam	G. Hart Merriam	May, 1889	Gift	"
19972	—	"	♂ ad	"	" 10 "	"	"	"	"	"	"
19973	—	"	♂ ad	"	" 10 "	"	"	"	"	"	"
19974	—	"	♀ ad	"	" 5 "	"	"	"	"	"	"
19975	—	"	♀ ad	"	" 6 "	"	"	"	"	"	"
19976	—	"	♀ ad	"	" 10 "	"	"	"	"	"	"
19977	—	<i>Ammodramus s. bryanti</i>	♂	San Francisco, California	Sept. 19, 1888	H. W. Henshaw	H. W. Henshaw	H. W. Henshaw	"	Exchange	GONE IN EXCH. TO CARNEGIE MUSEUM
19978	—	"	♂	"	Oct. 19 "	"	"	"	"	"	GONE IN EXCH. TO CARNEGIE MUSEUM
19979	—	"	♂	"	"	"	"	"	"	"	"
19980	—	"	♀	"	Sept. 19 "	"	"	"	"	"	"
19981	—	"	♀	Santa Cruz	" 28 "	"	"	"	"	"	"
19982	622	<i>Hesperocichla naxia</i>	♂	Haywards	Jan. 30, 1886	H. Otto Emerson	H. Otto Emerson	H. Otto Emerson	April "	"	"8.9 ex. 12.50"
19983	650	"	♀	"	March 20, "	"	"	"	"	"	"9.25 " 13 "
19984	688	<i>Vireo huttoni</i>	♂ ad	Mt. Diablo	April 2, 1887	"	"	"	"	"	"9.50 " 6 "
19985	302	<i>Melospiza fasciata samuelis</i>	♂	Haywards	Nov. 10, 1884	"	"	"	"	"	"5.50 " 6 "
19986	318	"	♀	"	" 30 "	"	"	"	"	"	"4.50 " 5 "
19987	—	<i>Zonotrichia coronata</i>	♂	Volcano Mts. San Diego Co.	Feb. 6, 1884	"	"	"	"	"	"6.54 " 8.2 "
19988	520	"	♀	Haywards	Jan. 3, 1885	"	"	"	"	"	"6 1/2 " 8.2 " m. 3 1/4
19989	631	<i>Otocoris alp. rubra</i>	♂	"	July 9, 1886	"	"	"	"	"	"6 1/4 " 11 " 4 1/2
19990	632	"	♀	"	"	"	"	"	"	"	"6 " 10 " 3 3/4
19991	237	<i>Dryobates nuttalli</i>	♂	Stockton Valley	May, 1882	"	"	"	"	"	"7 1/2 " 10 " 4 Eyes brown.
19992	239	"	♀	"	" 10 "	"	"	"	"	"	"7 1/2 " 10 " 4 1/4 "
19993	162	<i>Melanerpes f. bairdi</i>	♂	Volcano Mts. San Diego Co., California	Feb. 21, 1884	"	"	"	"	"	"10 " 14 1/2 " 5 1/4 " white.
19994	192	"	♀	"	Mar. 2, "	"	"	"	"	"	"9 1/4 " 14 " 5 1/4 "
19995	—	<i>Trochilus allenii</i>	♂	Haywards California	March 28, 1885	"	"	"	"	"	"
19996	—	" <i>anna</i>	♂	"	July 26, 1882	"	"	"	"	"	"
19997	—	"	♀	"	" 28 "	"	"	"	"	"	"
19998	706	<i>Ptychorhynchus alencicus</i>	♀ ad	Harillon Island.	May 3, 1887	"	"	"	"	"	"La 8 ex. 16 1/2 mm 5. Eyes grayish white.
19999	707	"	juv.	"	" 4, "	"	"	"	"	"	"

Catalogue number	Original number	Name	Sex and age	Taken at or near	Date of capture	Taken by	Skinned by	Received from	When received	By	Remarks
20000 587		<i>Lunda cirrhata</i>	♂ ad	Harallon Id., California	June 19, 1885	W. O. Emerson	W. O. Emerson	W. O. Emerson	April, 1889	Exchange	d. 14, ex. 26, w. 8. Eye white. Taken on nest.
20001		<i>Larus status</i>	♂	Hillsbury, Mass.	April 3, 1885	L. W. Newton	L. W. Newton	L. W. Newton	May "	Purchase	
20002		" "	♂	" "	" 22, 1885	" "	" "	" "	" "	" "	
20003		" "	♂	" "	" 14, 1885	W. H. Newton	W. H. Newton	" "	" "	" "	
20004		" "	♂	" "	Mar. 24, 1885	L. W. "	" "	" "	" "	" "	
20005		" "	♀	" "	" 20, "	" "	" "	" "	" "	" "	
20006		" "	♂	Winchham, Ohio	May 15, 1885	" "	" "	" "	" "	" "	
20007		<i>Oxyechus minimus</i>	♂	Hillsbury, Mass.	" 9, 1885	" "	" "	" "	" "	" "	
20008		" "	♂	" "	" "	" "	" "	" "	" "	" "	
20009		<i>Vireo bellii</i>	♀	Detroit, Michigan	" 26, 1885	" "	" "	C. K. Worthington	" "	" "	
20010		" <i>gilvus</i>	♂	Warsaw, Illinois	" 7, 1885	" "	" "	" "	" "	" "	
20011		" "	♀	" "	" 5, "	" "	" "	" "	" "	" "	catch to evening
20012		" "	♀	Detroit, Michigan	" 18, 1885	" "	" "	" "	" "	" "	
20013		<i>Ampelis cedrorum</i>	♂	San Diego Co., California	" 12, 1886	" "	" "	" "	" "	" "	
20014		<i>Amphispiza bilineata</i>	♂	Marble Co., "	Mar. 12, 1885	" "	" "	" "	" "	" "	
20015		<i>Amphispiza bilineata</i>	♀ juv	Tampa, Florida	Sep. 20, 1885	" "	" "	" "	" "	" "	
20016		" "	♂	" "	" "	" "	" "	" "	" "	" "	
20017		<i>Falco columbarius</i>	♂	New Westminster B. C.	" 24, 1887	" "	" "	" "	" "	" "	
20018		<i>Nyctea nyctea</i>	♂ ad	North Dakota	Jan. 2, 1887	" "	" "	" "	" "	" "	An unusually white specimen
20019		<i>Bubo virginianus arcticus</i>	♂	Morton Co., "	Dec. 17, 1885	" "	" "	" "	" "	" "	Exhibited
20020		" "	♀	" "	" 2, "	" "	" "	" "	" "	" "	
20021		<i>Falco peregrinus anatum</i>	♂	Camron, Texas	" 8, "	E. C. Greenwood	E. C. Greenwood	" "	" "	" "	
20022		" "	♀	Padre Island, "	April 7, "	" "	" "	" "	" "	" "	
20023		" <i>mexicanus</i>	♀ juv	Camron County, "	Dec. 1, "	" "	" "	" "	" "	" "	
20024		<i>Asio albae</i>	♀	Wilton County, North Dakota	Nov. 30, "	" "	" "	" "	" "	" "	
20025		<i>Buteo albicaudatus</i>	♂	Camron, Texas	Feb. 5, 1887	E. C. Greenwood	E. C. Greenwood	" "	" "	" "	
20026		" <i>brevitarsis</i>	♀ juv	Padre Island, "	Feb. 30, 1887	" "	" "	" "	" "	" "	
20027		<i>Bubo virginianus</i>	♂	Camron County, "	Dec. 14, "	" "	" "	" "	" "	" "	
20028		" <i>americanus</i>	♂ ad	" "	Feb. 22, 1887	" "	" "	" "	" "	" "	
20029		" "	♀ juv	" "	" 16, "	" "	" "	" "	" "	" "	
20030 2116		<i>Helminthophila celata</i>	♂	Charleston, South Carolina	Jan. 10, "	Arthur T. Wayne	Arthur T. Wayne	R. T. Wayne	Jan. "	" "	Shot in myrtle bush
20031 2112		" "	♀	" "	" 7, "	" "	" "	" "	" "	" "	" oak tree
20032 2110		" "	♂	" "	Dec. 27, 1888	" "	" "	" "	" "	" "	Hobbs Pond, near M. P. N. & C.
20033 2005		" "	♀	" "	March 17, "	" "	" "	" "	" "	" "	
20034 1849		" "	♀	" "	Dec. 3, 1887	" "	" "	" "	" "	" "	" Big White Horn, shot in oak "
20035 1724		<i>Pyrrhula rubra</i>	♂	McClellenville, "	May 2, "	" "	" "	" "	" "	" "	In peculiar pale blackish plumage, doublet abnormal
20036 2109		<i>Thryothorus alba</i>	♂	" "	Dec. 6, 1888	W. D. Grayson	" "	" "	" "	" "	" Found drowned in a large iron pot."
20037 2008		<i>Acipiter velox</i>	♂ ad	" "	Feb. 23, "	" "	" "	" "	" "	" "	
20038 1794		<i>Sturnella pusilla</i>	♀ ad	Tennessee	June 14, 1887	Arthur T. Wayne	" "	" "	" "	" "	
20039 1994		<i>Callipepla elegans</i>	♂	" "	Feb. 17, 1888	" "	" "	" "	" "	" "	" "Columbian"
20040 1767		<i>Corvus brachyrhynchos</i>	♂ ad	" "	May 18, 1887	" "	" "	" "	" "	" "	
20041 1781		<i>Coccyzus alba</i>	♂ juv	" "	June 7, "	" "	" "	" "	" "	" "	
20042 1840		<i>Sturnella socialis</i>	♂	Charleston	Nov. 24, "	" "	" "	" "	" "	" "	
20043 1841		" "	♀	" "	" "	" "	" "	" "	" "	" "	
20044 1852		<i>Zonotrichia albicollis</i>	♂	" "	Dec. 8, "	" "	" "	" "	" "	" "	
20045 1842		<i>Spizella tristis</i>	♂	" "	Nov. 24, "	" "	" "	" "	" "	" "	
20046 1315		<i>Passerina ciris</i>	♂ ad	" "	April 30, 1886	" "	" "	" "	" "	" "	
20047 2016		<i>Colaptes auratus</i>	♀	" "	" 5, 1888	" "	" "	" "	" "	" "	
20048 2111		<i>Colaptes auratus</i>	♀	" "	Dec. 24, "	" a small boy	" "	" "	" "	" "	The only one known by me. M. to be taken near Charleston
20049		<i>Archibuteo calurus</i>	♂ ad	" "	April 23, "	Arthur T. Wayne	" "	" "	" "	" "	Not Pleasant.

Catalogue Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
20050. 2018	<i>Colinus auratus</i>	♀ im	Charleston South Carolina	Jan. 7, 1888	Richard L. May	L. T. Wayne	L. T. Wayne	Jan. 1888	Purchase	Mt. Pleasant.
20051.	<i>Puffinus auduboni</i>	♂	" "	" "	" "	" "	" "	" "	" "	Sullivan's Island. Found & killed & returned to the same place.
20052.	<i>Parus rufus neglectus</i>	♂	Micasio, California	Sept. 7, 1887	O. A. Allen	O. A. Allen	O. A. Allen	Mar. 1888	Purchase	
20053.	" " "	♂	" "	Oct. 4, 1888	" "	" "	" "	" "	" "	
20054.	" " "	♂	" "	" "	" "	" "	" "	" "	" "	
20055.	" " "	♂	" "	Nov. 23	" "	" "	" "	" "	" "	
20056.	" " "	♀	" "	Oct. 7.	" "	" "	" "	" "	" "	
20057.	" " "	♀	" "	" 18.	" "	" "	" "	" "	" "	
20058.	" " "	♀	" "	" "	" "	" "	" "	" "	" "	
20059.	" " "	♀	" "	Nov. 23.	" "	" "	" "	" "	" "	
20060.	<i>Psittiparus m. californicus</i>	♂	" "	Oct. 23.	" "	" "	" "	" "	" "	
20061.	" " "	♂	" "	Dec. 17.	" "	" "	" "	" "	" "	
20062.	" " "	♂	" "	" "	" "	" "	" "	" "	" "	
20063.	" " "	♀	" "	Oct. 25.	" "	" "	" "	" "	" "	
20064.	" " "	♀	" "	Dec. 17.	" "	" "	" "	" "	" "	
20065.	<i>Urolophus a. parkmanii</i>	♀	" "	Apr. 28, 1887	" "	" "	" "	" "	" "	
20066.	<i>Thryothorus b. spilurus</i>	♂	" "	Jan. 28, 1888	" "	" "	" "	" "	" "	
20067.	" " "	♂	" "	Feb. 22.	" "	" "	" "	" "	" "	
20068.	" " "	♂	" "	Mar. 7, 1888	" "	" "	" "	" "	" "	
20069.	" " "	♂	" "	Apr. 19.	" "	" "	" "	" "	" "	
20070.	" " "	♂	" "	Nov. 23	" "	" "	" "	" "	" "	
20071.	" " "	♀	" "	Jan. 29, 1888	" "	" "	" "	" "	" "	
20072.	" " "	♀	" "	Oct. 1.	" "	" "	" "	" "	" "	
20073.	<i>Chamaea fasciata</i>	♂	" "	Oct. 23, 1888	" "	" "	" "	" "	" "	
20074.	" " "	♂	" "	Nov. 12.	" "	" "	" "	" "	" "	
20075.	" " "	♂	" "	" 20	" "	" "	" "	" "	" "	
20076.	" " "	♂	" "	Dec. 17.	" "	" "	" "	" "	" "	
20077.	" " "	♀	" "	Oct. 23	" "	" "	" "	" "	" "	
20078.	" " "	♀	" "	" "	" "	" "	" "	" "	" "	
20079.	" " "	♀	" "	" "	" "	" "	" "	" "	" "	
20080.	" " "	♀	" "	" "	" "	" "	" "	" "	" "	
20081.	<i>Geothlypis macgillivrayi</i>	♂	" "	Nov. 12.	" "	" "	" "	" "	" "	
20082.	" " "	♂	" "	May 3.	" "	" "	" "	" "	" "	
20083.	<i>Amphispiza belli</i>	♂	" "	" 14.	" "	" "	" "	" "	" "	
20084.	" " "	♂	" "	" 5	" "	" "	" "	" "	" "	
20085.	" " "	♀	" "	" "	" "	" "	" "	" "	" "	
20086.	<i>Zonotrichia gambeli</i>	♂	" "	Feb. 30, 1888	" "	" "	" "	" "	" "	
20087.	" " "	♂	" "	Mar. 24.	" "	" "	" "	" "	" "	
20088.	" " "	♂	" "	Sept. 26, 1887	" "	" "	" "	" "	" "	
20089.	" " "	♂	" "	Dec. 5, 1888	" "	" "	" "	" "	" "	
20090.	" " "	♀	" "	Feb. 25.	" "	" "	" "	" "	" "	
20091.	<i>Spinus lawrencei</i>	♂	" "	May 16, 1888	" "	" "	" "	" "	" "	
20092.	" " "	♂	" "	" 18	" "	" "	" "	" "	" "	
20093.	" " "	♂	" "	" "	" "	" "	" "	" "	" "	
20094.	" " "	♂	" "	" 25	" "	" "	" "	" "	" "	
20095.	" " "	♀	" "	" 19.	" "	" "	" "	" "	" "	
20096.	<i>Carpodacus p. californicus</i>	♂	" "	Jan. 29, 1888	" "	" "	" "	" "	" "	
20097.	" " "	♀	" "	Feb. 5.	" "	" "	" "	" "	" "	
20098.	<i>Melospiza f. samuelis</i>	♂	" "	" "	" "	" "	" "	" "	" "	
20099.	" " "	♂	" "	" 20.	" "	" "	" "	" "	" "	

Catalogue Original number number	Name	Sex and age.	Taken at or near.	Date of capture.	Taken by	Skinned by	Received from	When received	By	Remarks.
20100	<i>Neotoma f. samuelis</i>	♂	Viscose California	July 21, 1888	J. A. Allen	Allen	Exch. to Leningrad	Jan. 18, 1889		
20101	"	♂	"	Oct. 1, 1888	"	"	"	"	"	
20102	"	♂	"	Feb. 7, 1889	"	"	"	"	"	
20103	"	♂	"	"	"	"	"	"	"	
20104	"	♂	"	Oct. 1, 1888	"	"	"	"	"	
20105	"	♂	"	"	"	"	"	"	"	
20106	<i>Agave f. crissalis</i>	♂	"	Jan. 20, 1889	"	"	"	"	"	
20107	"	♂	"	" 22, "	"	"	"	"	"	
20108	"	♂	"	" " "	"	"	"	"	"	
20109	" <i>Agave f. s.</i>	♂	"	" 31, 1889	"	"	"	"	"	
20110	"	♂	"	" " "	"	"	"	"	"	
20111	"	♂	"	Feb. 1, "	"	"	"	"	"	
20112	"	♂	"	" 17, "	"	"	"	"	"	
20113	"	♀	"	Jan. 29, "	"	"	"	"	"	
20114	"	♀	"	" 31, "	"	"	"	"	"	
20115	"	♀	"	Feb. 8, "	"	"	"	"	"	
20116	"	♀	"	" 19, "	"	"	"	"	"	
20117	<i>Dryobates p. gardnerii</i>	♂	"	Jan. 18, "	"	"	"	"	"	
20118	<i>Agelaius gubernator</i>	♂	"	Feb. 12, "	"	"	"	"	"	
20119	"	♂	"	May 8, 1888	"	"	"	"	"	
20120	"	♂	"	" " "	"	"	"	"	"	
20121	"	♂	"	" 10, "	"	"	"	"	"	
20122	<i>Vireo l. h. l.</i>	♂	"	Jan. 14, 1889	"	"	"	"	"	Exch. to Leningrad
20123	"	♂	"	" 26, "	"	"	"	"	"	
20124	"	♂	"	Feb. 11, "	"	"	"	"	"	
20125	"	♂	"	" 18, "	"	"	"	"	"	
20126	"	♂	"	Mar. 3, 1888	"	"	"	"	"	
20127	"	♀	"	Nov. 23, "	"	"	"	"	"	
20128	"	♂	"	" 24, 1888	"	"	"	"	"	
20129	"	♂	"	Feb. 12, 1889	"	"	"	"	"	
20130	"	♂	"	Apr. 7, 1887	"	"	"	"	"	
20131	<i>Empidonax difficilis</i>	♂	"	" 22, 1888	"	"	"	"	"	
20132	"	♂	"	" 17, "	"	"	"	"	"	
20133	<i>Ardeonophila nuttalli</i>	♂	"	Oct. 7, "	"	"	"	"	"	
20134	"	♂	"	" 17, "	"	"	"	"	"	
20135	"	♂	"	" 18, "	"	"	"	"	"	
20136	<i>Trochilus uirna</i>	♂	"	Mar. 20, "	"	"	"	"	"	
20137	"	♂	"	Apr. 6, 1887	"	"	"	"	"	
20138	"	♂	"	" 18, "	"	"	"	"	"	
20139	"	♂	"	" 28, "	"	"	"	"	"	
20140	"	♂	"	May 2, 1888	"	"	"	"	"	
20141	"	♂	"	" 5, "	"	"	"	"	"	
20142	"	♂	"	" " "	"	"	"	"	"	
20143	<i>Alani</i>	♂	"	Mar. 24, "	"	"	"	"	"	
20144	"	♂	"	" 27, 1888	"	"	"	"	"	Gave in exch. to Dr. B. Cooper.
20145	"	♂	"	" 29, 1888	"	"	"	"	"	
20146	"	♂	"	Apr. 17, "	"	"	"	"	"	
20147	"	♂	"	" 11, "	"	"	"	"	"	
20148	"	♂	"	May 4, 1888	"	"	"	"	"	
20149	"	♀	"	" 23, "	"	"	"	"	"	

CatalogueOriginal  
number number

Name

Sex and  
age.

Taken at or near.

Date  
of capture. Taken by

Redwood when removed 1/3

Make space for "taken by"  
"thinned 2" and "redwood"  
all as usual "add to them"  
space for "when removed"

7.







